



Mozilla Exporter API 1.0.1

Integration Guide



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Document change log

| Date | Version | Change detail |
|-------------------|---------|--|
| 20 September 2012 | 1.0.0 | Created |
| 3 June 2013 | 1.0.1 | Updated and added event notification credentials |
| | | |
| | | |



Versioning

Mozilla Exporter Web Service

Version 1.0.1

<https://webservices.bango.com/mozillaexporter/?WSDL>



Introduction

The Mozilla Exporter service exposes methods for the creation and configuration of Packages and Bango Numbers within the Bango system to allow synchronisation between Mozilla Developer accounts and Bango for use in billing.

This service is a customisation of the existing Package and Number Management service, which simplifies interfaces for common methods, and removes redundant methods used for carrier configuration.

For more information on integrating with the service and utilising the functionality to manage packages and numbers, see the sample process on page 9.



Web Services API

The Web Services API is a secure server-to-server API allowing access to the Bango system.

Security

The Web Services API is protected to ensure that only authorized clients use it. There are three primary levels of security:

- API username / password and third-party account authentication
- Secure Sockets Layer (SSL) data transport
- *Optional* IP address restriction

A failure at any one of these security levels denies access to the Web Services API.

The Web Services API allows your server to send requests to the Bango server. The Bango server will only accept requests from authorized users.

Available services

There is currently 1 management service available for creation and management of Packages and Bango Numbers within the Bango system.

WSDL location

The WSDL for this service is available at the following location:

Mozilla Exporter

<https://webservices.bango.com/mozillaexporter/?WSDL>

Requesting Web Services access

Before you can use the Web Services API, you need to first request access credentials from Customer Services via support@bango.com.

Access to the API is dependent upon package level. If you are unsure whether the API is available to you please contact Customer Services.



Sample Package and Number Management Process

Create a Package for a new account

Using the CreatePackage method, you should pass through all relevant details, including address details, VAT number (if applicable) and PayPal email account details (if applicable) in this call.

Fields such as Company Name, Vendor Name, Phone and Homepage URL are used for important financial and invoicing details, as well as for carrier specific configuration used in billing transactions.

Passing a PayPal email address will associate the vendor's PayPal account details with this package. This will enable out-payment of earnings via PayPal for this vendor.

To enable payments direct to a vendor bank account, you should also call the CreateBankDetails method, passing in the associated banking details such as account number, IBAN, code (sort code, swift code, etc.)

Automatic out-payments will be enabled automatically once a package is created, so there is no need to call the AcceptSBIAgreement method on creation. However, as this agreement has an expiry date, it should be noted that a subsequent call to this method will be required on SBI expiry.

To enable event notification you will need to supply an event notification URL to which the notification will be sent whereby event username and event password is optional.

Create a Base Bango Number for a product

Using the CreateBangoNumber, you can generate a unique Bango Number for a product. Along with this call, you can pass a category id which will map to a product type / genre describing the content being sold. You should also pass an application size value, describing the size of the application in Kilobytes (KB).

The fields name, category id and application size are used for configuration both within the Bango system as well as for carrier specific configuration used in billing transactions.

Configuring a Bango Number for billing

Once created, call the relevant MakePremiumxxx method to enable billing on this Bango Number and to set the initial price point and access details for this number. For per access billing, use the MakePremiumPerAccess method, for multi-access billing, use the MakePremiumMultiAccess method, for timed access billing, use and MakePremiumTimed method, and for managed subscription billing, use the MakePremiumRepeat method.

Subsequently, call the CreatePricePoint method to add new price points for each currency which is supported within the Bango system.

Alternatively, in conjunction with the Direct Billing API and/or Billing Configuration API, as you are able to override both the price and currency on a DoPayment request, you can maintain management of individual price points and supported currencies. In this instance, you are only required to call the relevant MakePremiumxxx method to set a default price, but you will not be required to set individual price points using CreatePricePoint.

Once you have created all relevant price points, call the UpdateRating method for each supported ratingScheme to ensure the content is suitably rated. Numbers created using the CreateBangoNumber will,



by default, be rated as GLOBAL R and USA R within the Bango system. You will only need to call this method to change the rating to Universal (Global) and General (USA) as applicable.

Methods and Interfaces - Package Management

Method:

CreatePackage

Description: Creates a new package within the Bango system

Inputs:

| | | | |
|----------------------|--------------|---|--|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| adminEmailAddress | String [100] | ✓ | The email address of the admin contact to assign to the package. |
| supportEmailAddress | String [100] | ✓ | The email address of the support contact to assign to the package. |
| financeEmailAddress | String [100] | ✓ | The email address of the finance contact to assign to the package. |
| paypalEmailAddress | String [100] | ✗ | The PayPal registered email address to assign to the package. |
| vendorName | String [50] | ✓ | The name of the vendor. |
| companyName | String [50] | ✓ | The registered company or individual name of the vendor. |
| address1 | String [50] | ✓ | The main address line |
| address2 | String [50] | ✗ | The secondary address line |
| addressCity | String [50] | ✗ | The city field of the address |
| addressState | String [50] | ✗ | The state field of the address |
| addressZipCode | String [10] | ✓ | The zip code of the address |
| addressPhone | String [20] | ✗ | The telephone contact number of the vendor |
| addressFax | String [20] | ✗ | The fax contact number of the vendor |
| vatNumber | String [20] | ✗ | The VAT number |
| countryIso | String [3] | ✓ | A three letter ISO code specifying the country the package is being created for. Refer to the appendix for supported country ISO codes. |
| currencyIso | String [3] | ✓ | A three letter ISO code specifying the currency out-payments from this package should be made in. Bango support three possible currencies for package out-payment at present - USD - US Dollars GBP - Pounds Sterling EUR - Euro |
| homePageURL | String [255] | ✗ | The homepage URL of the vendor |
| eventNotificationURL | String [255] | ✗ | A URL to send event notification packets to when a package uses Subscription |

| | | | |
|-----------------|---------------------------|--------------|---|
| Outputs: | | | payment methods. This value is optional. Where supplied, the URL must be fully qualified, and start with http(s) |
| | eventNotificationUsername | String [255] | ✗ A username to enable access to the event notification URL. This value is optional. |
| | eventNotificationPassword | String [255] | ✗ A password to enable access to the event notification URL. This value is optional. |
| | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| | packageId | Integer | The generated unique package identifier for the package created for this vendor |
| | adminPersonId | Integer | The generated unique person identifier for the admin contact email address within the Bango system |
| | adminPersonPassword | String [10] | The randomly generated password created when a new vendor account is created (where the registered email address has not been used by Bango previously) |
| | supportPersonId | Integer | The generated unique person identifier for the support contact email address within the Bango system |
| | supportPersonPassword | String [10] | The randomly generated password created when a new vendor account is created (where the registered email address has not been used by Bango previously) |
| Response Codes: | financePersonId | Integer | The generated unique person identifier for the finance contact email address within the Bango system |
| | financePersonPassword | String [10] | The randomly generated password created when a new vendor account is created (where the registered email address has not been used by Bango previously) |
| | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_EMAIL | | Invalid email address construct |
| | INVALID_COUNTRYISO | | The specified country ISO code is invalid |
| | INVALID_CURRENCYISO | | The specified currency ISO code is invalid |
| | INVALID_URL | | Invalid URL construct |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |



Notes

If, in the process of creating an account, an email address supplied is already registered on the Bango System, then no new user account will be created. In this instance, the personPassword return value(s) will be empty.

The vendor name value is used for setup and configuration options, including settings used in DirectBilling when performing payments.

The company name value is used for financial and billing details, and, once set, cannot be programmatically changed.

If an event notification URL is not specified, and Subscriptions are subsequently configured, you will not receive notification data on subscription activity (renewals, cancellations, etc.). You must use the Event Notification methods detailed below to manage this value.

Method:

GetPackage

Description: Retrieve details of an existing package from the Bango system

Inputs:

| | | | |
|-----------|-------------|---|---|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system |

Outputs:

| | | |
|--------------------------|--------------|--|
| responseCode | String [50] | A response code indicating status of method call |
| responseMessage | String [255] | Textual description of request status |
| adminEmailAddress | String [100] | The email address of the admin contact assigned to the package. |
| supportEmailAddress | String [100] | The email address of the support contact assigned to the package. |
| financeEmailAddress | String [100] | The email address of the finance contact assigned to the package. |
| paypalEmailAddress | String [100] | The PayPal registered email address for this package |
| vendorName | String [50] | The name of the vendor. |
| companyName | String [50] | The registered company or individual name of the vendor. |
| address1 | String [50] | The main address line |
| address2 | String [50] | The secondary address line |
| addressCity | String [50] | The city field of the address |
| addressState | String [50] | The state field of the address |
| addressZipCode | String [10] | The zip code of the address |
| addressPhone | String [20] | The telephone contact number of the vendor |
| addressFax | String [20] | The fax contact number of the vendor |
| vatNumber | String [20] | The VAT number |
| countryIso | String [3] | A three letter ISO code specifying the default country for this package. Refer to the appendix for supported country ISO codes. |
| currencyIso | String [3] | A three letter ISO code specifying the currency out-payments from this package should be made in. Bango support three possible currencies for package out-payment at present - USD - US Dollars GBP - Pounds Sterling EUR - Euro |
| homePageURL | String [255] | The homepage URL of the vendor |
| eventNotificationEnabled | Boolean | Whether Event Notification has been enabled for this package |
| eventNotificationURL | String [255] | The configured Event Notification URL for this package. If Event Notification has NOT been enabled, this value will be empty |

| | | | |
|-----------------|-----------------------|------------|--|
| Response Codes: | status | String [3] | Indicates the current status of the package. Packages should exist in a LIC (Licensed state) unless cancelled, whereby they will be in a CAN (Cancelled) state. |
| | sbiAgreementAccepted | Boolean | Whether the SBI agreement has been accepted in the last year. |
| | acceptedSBIAgreement | DateTime | A DateTime indicating when the SBI agreement was last accepted. |
| | sbiAgreementExpires | DateTime | A DateTime indicating when the SBI agreement validity expires |
| | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |

Notes

SBI Agreement Accepted

The `sbiAgreementAccepted` flag will indicate whether a vendor has accepted the SBI agreement within the past year – renewal of this agreement is an annual task. If a vendor has previously accepted the SBI agreement, but this acceptance date exceeds 1 year, the `acceptedSBIAgreement` date will indicate when it was last accepted and the `sbiAgreementExpires` date will indicate when the validity expired.

If a vendor has never accepted the SBI agreement, the `sbiAgreementAccepted` flag will be false and the `acceptedSBIAgreement` date and `sbiAgreementExpires` date will be January 1st 2000.

In the event of a non-OK response code, `sbiAgreementAccepted` will always be returned as false and the `acceptedSBIAgreement` date and `sbiAgreementExpires` date will always be January 1st 2000.

| | | | |
|-----------------------|---|---------------------------------------|--|
| Method: | CancelPackage | | |
| Description: | Cancels an existing package in the Bango system | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | packageId | Integer | ✓ The unique identifier for the package on the Bango system |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |
| CANNOT_CANCEL_PACKAGE | | You are unable to cancel this package | |

Notes

Cancellation of a package will result in the removal of all associated Bango Numbers/price points and termination of package services. This action is non-reversible.

Packages are not deleted from the Bango system to enable customers to still access financial details and to allow final out-payment of any earnings the package may have outstanding.

Once a package has been cancelled, subsequent calls to this method will return a `INVALID_PACKAGE_STATUS` response code.

Method:

GetEmailAddresses

Description: Retrieve all associated email addresses and person IDs for this package.

Inputs:

| | | | |
|-----------|-------------|---|---|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system |

Outputs:

| | | |
|---------------------|--------------|--|
| responseCode | String [50] | A response code indicating status of method call |
| responseMessage | String [255] | Textual description of request status |
| adminPersonId | Integer | The generated unique person identifier for the administrator email address within the Bango system |
| adminEmailAddress | String [100] | The assigned email address of the administrator for this package |
| supportPersonId | Integer | The generated unique person identifier for the support contact email address within the Bango system |
| supportEmailAddress | String [100] | The assigned email address of the support contact for this package |
| financePersonId | Integer | The generated unique person identifier for the finance contact email address within the Bango system |
| financeEmailAddress | String [100] | The assigned email address of the finance contact for this package |

Response Codes:

| | |
|------------------------|--|
| OK | Success |
| ACCESS_DENIED | Invalid username/password |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_PERSON | The specified Person is invalid |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |

Notes

Where the same email address has been assigned to either the administrator, support or finance contact, the details will be duplicated in the return values of Email Address and Person ID.

| | | | |
|-----------------|---|--------------|--|
| Method: | UpdateSupportEmailAddress | | |
| Description: | Update the associated support email address for this package. | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | packageId | Integer | ✓ The unique identifier for the package on the Bango system |
| | emailAddress | String [100] | ✓ The email address to change the registered support contact for this package. |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| | personId | Integer | The generated unique person identifier for the support contact email address within the Bango system |
| | personPassword | String [10] | The randomly generated password created when a new support contact account is created |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_EMAIL | | Invalid email address construct |
| | INVALID_PERSON | | The specified Person is invalid |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |

Notes

If, in the process of updating the support contact, the specified email address does not exist on the system, then a new user account will be created along with a random password which is returned in the personPassword element.

If an email address supplied is already registered on the Bango System, then no new user account will be created. In this instance, the personPassword return values will be empty.

If the email address supplied is already the assigned support contact, an error response of INVALID_PERSON will be returned.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|--|--|--------------|-------------|--|---------------------------------|-----------------|---|---------------------------------------|---------------------------------|---------------|---------------------------|--|--|----------------|---|---|--|------------------------|-----------------------------|---------------|---------------------------------|----------------|---------------------------------|-----------------------|--|-------------------|----------------------------------|
| Method: | UpdateFinanceEmailAddress | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Update the associated finance email address for this package. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>packageId</td> <td>Integer</td> <td>✓</td> <td>The unique identifier for the package on the Bango system</td> </tr> <tr> <td>emailAddress</td> <td>String [100]</td> <td>✓</td> <td>The email address to change the registered finance contact for this package.</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | packageId | Integer | ✓ | The unique identifier for the package on the Bango system | emailAddress | String [100] | ✓ | The email address to change the registered finance contact for this package. | | | | | | | | | | |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | | | |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system | | | | | | | | | | | | | | | | | | | | | | | | | | |
| emailAddress | String [100] | ✓ | The email address to change the registered finance contact for this package. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> <tr> <td>personId</td> <td>Integer</td> <td colspan="2">The generated unique person identifier for the finance contact email address within the Bango system</td> </tr> <tr> <td>personPassword</td> <td>String [10]</td> <td colspan="2">The randomly generated password created when a new finance contact account is created</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | personId | Integer | The generated unique person identifier for the finance contact email address within the Bango system | | personPassword | String [10] | The randomly generated password created when a new finance contact account is created | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| personId | Integer | The generated unique person identifier for the finance contact email address within the Bango system | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| personPassword | String [10] | The randomly generated password created when a new finance contact account is created | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the request could not be processed</td> </tr> <tr> <td>INVALID_PACKAGEID</td> <td>The specified Package ID is invalid</td> </tr> <tr> <td>INVALID_PACKAGE_STATUS</td> <td>The package is not licensed</td> </tr> <tr> <td>INVALID_EMAIL</td> <td>Invalid email address construct</td> </tr> <tr> <td>INVALID_PERSON</td> <td>The specified Person is invalid</td> </tr> <tr> <td>INVALID_STRING_LENGTH</td> <td>Parameter [PARAMNAME] passed exceeds maximum string length</td> </tr> <tr> <td>INVALID_PARAMETER</td> <td>Parameter [PARAMNAME] is invalid</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the request could not be processed | INVALID_PACKAGEID | The specified Package ID is invalid | INVALID_PACKAGE_STATUS | The package is not licensed | INVALID_EMAIL | Invalid email address construct | INVALID_PERSON | The specified Person is invalid | INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGEID | The specified Package ID is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGE_STATUS | The package is not licensed | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_EMAIL | Invalid email address construct | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PERSON | The specified Person is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes

If, in the process of updating the finance contact, the specified email address does not exist on the system, then a new user account will be created along with a random password which is returned in the personPassword element.

If an email address supplied is already registered on the Bango System, then no new user account will be created. In this instance, the personPassword return values will be empty.

If the email address supplied is already the assigned finance contact, an error response of INVALID_PERSON will be returned.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|--|---|--------------|-------------|--|---------------------------------|---------------|---|---------------|---------------------------------|---------------|---------------------------|---------------------|--|----------------------|---|-------------------|--|---------------------------|-----------------------------|-------------|---|---------------------------|--|-------------------|--|
| Method: | SetEventNotificationURL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Set the Event Notification URL for this package | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>packageId</td> <td>Integer</td> <td>✓</td> <td>The unique identifier for the package on the Bango system</td> </tr> <tr> <td>eventNotificationURL</td> <td>String [255]</td> <td>✓</td> <td>The event notification URL to configure for this package; must include protocol of http(s)</td> </tr> <tr> <td>eventNotificationUsername</td> <td>String [255]</td> <td>✓</td> <td>The event notification URL username to enable access to the specified event notification URL. This value is optional.</td> </tr> <tr> <td>eventNotificationPassword</td> <td>String [255]</td> <td>✓</td> <td>The event notification URL password to enable access to the specified event notification URL. This value is optional</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | packageId | Integer | ✓ | The unique identifier for the package on the Bango system | eventNotificationURL | String [255] | ✓ | The event notification URL to configure for this package; must include protocol of http(s) | eventNotificationUsername | String [255] | ✓ | The event notification URL username to enable access to the specified event notification URL. This value is optional. | eventNotificationPassword | String [255] | ✓ | The event notification URL password to enable access to the specified event notification URL. This value is optional |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system | | | | | | | | | | | | | | | | | | | | | | | | |
| eventNotificationURL | String [255] | ✓ | The event notification URL to configure for this package; must include protocol of http(s) | | | | | | | | | | | | | | | | | | | | | | | | |
| eventNotificationUsername | String [255] | ✓ | The event notification URL username to enable access to the specified event notification URL. This value is optional. | | | | | | | | | | | | | | | | | | | | | | | | |
| eventNotificationPassword | String [255] | ✓ | The event notification URL password to enable access to the specified event notification URL. This value is optional | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td>A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td>Textual description of request status</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the request could not be processed</td> </tr> <tr> <td>INVALID_PACKAGEID</td> <td>The specified Package ID is invalid</td> </tr> <tr> <td>INVALID_PACKAGE_STATUS</td> <td>The package is not licensed</td> </tr> <tr> <td>INVALID_URL</td> <td>Invalid URL construct</td> </tr> <tr> <td>INVALID_STRING_LENGTH</td> <td>Parameter [PARAMNAME] passed exceeds maximum string length</td> </tr> <tr> <td>INVALID_PARAMETER</td> <td>Parameter [PARAMNAME] is invalid</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the request could not be processed | INVALID_PACKAGEID | The specified Package ID is invalid | INVALID_PACKAGE_STATUS | The package is not licensed | INVALID_URL | Invalid URL construct | INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGEID | The specified Package ID is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGE_STATUS | The package is not licensed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_URL | Invalid URL construct | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes

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|-----------------|---|--------------|--|
| Method: | GetEventNotificationURL | | |
| Description: | Retrieve the configured Event Notification URL for this package | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | packageId | Integer | ✓ The unique identifier for the package on the Bango system |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| | eventNotificationEnabled | Boolean | Whether Event Notification has been enabled for this package |
| | eventNotificationURL | String [255] | The configured Event Notification URL for this package. If Event Notification has NOT been enabled, this value will be empty |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |

Notes

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|------------------------|---|--|---|--------------|-------------|--|---------------------------------|-----------------|---|---------------------------------------|---------------------------------|---------------|---------------------------|---------------------|--|----------------|---|-------------------|-------------------------------------|------------------------|-----------------------------|-----------------------|--|-------------------|----------------------------------|
| Method: | DeleteEventNotificationURL | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Delete the configured Event Notification URL for this package | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>packageId</td> <td>Integer</td> <td>✓</td> <td>The unique identifier for the package on the Bango system</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | packageId | Integer | ✓ | The unique identifier for the package on the Bango system | | | | | | | | | | |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the request could not be processed</td> </tr> <tr> <td>INVALID_PACKAGEID</td> <td>The specified Package ID is invalid</td> </tr> <tr> <td>INVALID_PACKAGE_STATUS</td> <td>The package is not licensed</td> </tr> <tr> <td>INVALID_STRING_LENGTH</td> <td>Parameter [PARAMNAME] passed exceeds maximum string length</td> </tr> <tr> <td>INVALID_PARAMETER</td> <td>Parameter [PARAMNAME] is invalid</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the request could not be processed | INVALID_PACKAGEID | The specified Package ID is invalid | INVALID_PACKAGE_STATUS | The package is not licensed | INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGEID | The specified Package ID is invalid | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGE_STATUS | The package is not licensed | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | | | | | | | | | | | | | | | | | | | | | | | | |

Notes

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|------------------------|--|--|---|--------------|-------------|--|---------------------------------|-----------------|---|---------------------------------------|---------------------------------|---------------|---------------------------|---------------------|--|--------------------|---|-------------------|---|------------------------|-----------------------------|---------------|---------------------------------|-----------------------|--|-------------------|----------------------------------|----------------------|---|
| Method: | CreatePayPalDetails | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Add PayPal account details to an existing package | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>packageId</td> <td>Integer</td> <td>✓</td> <td>The unique identifier for the package on the Bango system</td> </tr> <tr> <td>paypalEmailAddress</td> <td>String [100]</td> <td>✓</td> <td>The PayPal registered email address for this package.</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | packageId | Integer | ✓ | The unique identifier for the package on the Bango system | paypalEmailAddress | String [100] | ✓ | The PayPal registered email address for this package. | | | | | | | | | | |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | | | |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system | | | | | | | | | | | | | | | | | | | | | | | | | | |
| paypalEmailAddress | String [100] | ✓ | The PayPal registered email address for this package. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the request could not be processed</td> </tr> <tr> <td>INVALID_PACKAGEID</td> <td>The specified Package ID is invalid</td> </tr> <tr> <td>INVALID_PACKAGE_STATUS</td> <td>The package is not licensed</td> </tr> <tr> <td>INVALID_EMAIL</td> <td>Invalid email address construct</td> </tr> <tr> <td>INVALID_STRING_LENGTH</td> <td>Parameter [PARAMNAME] passed exceeds maximum string length</td> </tr> <tr> <td>INVALID_PARAMETER</td> <td>Parameter [PARAMNAME] is invalid</td> </tr> <tr> <td>PAYPAL_DETAILS_EXIST</td> <td>PayPal account details already exist for this package</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the request could not be processed | INVALID_PACKAGEID | The specified Package ID is invalid | INVALID_PACKAGE_STATUS | The package is not licensed | INVALID_EMAIL | Invalid email address construct | INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | PAYPAL_DETAILS_EXIST | PayPal account details already exist for this package |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGEID | The specified Package ID is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGE_STATUS | The package is not licensed | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_EMAIL | Invalid email address construct | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PAYPAL_DETAILS_EXIST | PayPal account details already exist for this package | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes

PayPal account details are associated on a per package basis. Failure to supply these details will result in no out-payment of earnings via PayPal for this package.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|---|---|--------------|-------------|--|---------------------------------|-----------------|---|---------------------------------------|---------------------------------|--------------------|---------------------------|---|--|----------------|---|-------------------|-------------------------------------|------------------------|-----------------------------|-----------------------|--|-------------------|----------------------------------|-----------------------------|-------------------------------------|
| Method: | GetPayPalDetails | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Get the registered PayPal account details for an existing package | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>packageId</td> <td>Integer</td> <td>✓</td> <td>The unique identifier for the package on the Bango system</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | packageId | Integer | ✓ | The unique identifier for the package on the Bango system | | | | | | | | | | | | |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> <tr> <td>paypalEmailAddress</td> <td>String [100]</td> <td colspan="2">The PayPal registered email address for this package.</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | paypalEmailAddress | String [100] | The PayPal registered email address for this package. | | | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | |
| paypalEmailAddress | String [100] | The PayPal registered email address for this package. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the request could not be processed</td> </tr> <tr> <td>INVALID_PACKAGEID</td> <td>The specified Package ID is invalid</td> </tr> <tr> <td>INVALID_PACKAGE_STATUS</td> <td>The package is not licensed</td> </tr> <tr> <td>INVALID_STRING_LENGTH</td> <td>Parameter [PARAMNAME] passed exceeds maximum string length</td> </tr> <tr> <td>INVALID_PARAMETER</td> <td>Parameter [PARAMNAME] is invalid</td> </tr> <tr> <td>PAYPAL_DETAILS_DO_NOT_EXIST</td> <td>PayPal account details do not exist</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the request could not be processed | INVALID_PACKAGEID | The specified Package ID is invalid | INVALID_PACKAGE_STATUS | The package is not licensed | INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | PAYPAL_DETAILS_DO_NOT_EXIST | PayPal account details do not exist |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGEID | The specified Package ID is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGE_STATUS | The package is not licensed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PAYPAL_DETAILS_DO_NOT_EXIST | PayPal account details do not exist | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes

| | | | |
|-----------------|--|--------------|--|
| Method: | UpdatePayPalDetails | | |
| Description: | Change the registered PayPal account details for an existing package | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | packageId | Integer | ✓ The unique identifier for the package on the Bango system |
| | paypalEmailAddress | String [100] | ✓ The PayPal registered email address for this package. |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_EMAIL | | Invalid email address construct |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |
| | PAYPAL_DETAILS_DO_NOT_EXIST | | PayPal account details do not exist |

Notes

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|--|--|---|--------------|-------------|--|---------------------------------|-----------------|---|---------------------------------------|---------------------------------|---------------|---------------------------|---------------------|--|----------------|---|-------------------|-------------------------------------|------------------------|-----------------------------|-----------------------|--|-------------------|----------------------------------|-----------------------------|-------------------------------------|
| Method: | DeletePayPalDetails | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Delete the registered PayPal account details for an existing package | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>packageId</td> <td>Integer</td> <td>✓</td> <td>The unique identifier for the package on the Bango system</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | packageId | Integer | ✓ | The unique identifier for the package on the Bango system | | | | | | | | | | | | |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the request could not be processed</td> </tr> <tr> <td>INVALID_PACKAGEID</td> <td>The specified Package ID is invalid</td> </tr> <tr> <td>INVALID_PACKAGE_STATUS</td> <td>The package is not licensed</td> </tr> <tr> <td>INVALID_STRING_LENGTH</td> <td>Parameter [PARAMNAME] passed exceeds maximum string length</td> </tr> <tr> <td>INVALID_PARAMETER</td> <td>Parameter [PARAMNAME] is invalid</td> </tr> <tr> <td>PAYPAL_DETAILS_DO_NOT_EXIST</td> <td>PayPal account details do not exist</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the request could not be processed | INVALID_PACKAGEID | The specified Package ID is invalid | INVALID_PACKAGE_STATUS | The package is not licensed | INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | PAYPAL_DETAILS_DO_NOT_EXIST | PayPal account details do not exist |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGEID | The specified Package ID is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGE_STATUS | The package is not licensed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PAYPAL_DETAILS_DO_NOT_EXIST | PayPal account details do not exist | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes

PayPal account details are associated on a per package basis. Deletion of existing PayPal details registered against a Bango package will result in no out-payment of earnings via PayPal for this package.

Method:

CreateBankDetails

Description: Add Bank account details to an existing package

Inputs:

| | | | |
|----------------------|-------------|---|---|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system |
| bankAccountPayeeName | String [50] | ✓ | The payee name of the account holder |
| bankAccountNumber | String[20] | ✗ | The account number of the bank account [see notes] |
| bankAccountCode | String[20] | ✓ | The bank / swift / sort / fedwire / CHAPS code of the bank account |
| bankAccountIban | String[34] | ✗ | The account IBAN (International Bank Account Number) for the bank account [see notes] |
| bankName | String[50] | ✓ | The name of the bank at which the account is held |
| bankAddress1 | String[50] | ✓ | The main address line of the bank at which the account is held |
| bankAddress2 | String[50] | ✗ | The secondary address line of the bank at which the account is held |
| bankAddressCity | String[50] | ✗ | The city field of the bank address |
| bankAddressState | String[50] | ✗ | The state field of the bank address |
| bankAddressZipCode | String[50] | ✓ | The zip code of the bank address |
| bankAddressIso | String[3] | ✓ | The country code of the bank address |

Outputs:

| | | |
|-----------------|--------------|--|
| responseCode | String [50] | A response code indicating status of method call |
| responseMessage | String [255] | Textual description of request status |

Response Codes:

| | |
|------------------------|--|
| OK | Success |
| ACCESS_DENIED | Invalid username/password |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_COUNTRYISO | The specified country ISO code is invalid |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds |

| | |
|--------------------|---|
| | maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| BANK_DETAILS_EXIST | Bank account details already exist for this package |

Notes

You must supply a bank code (which can either be a sort, swift, CHAPS, bank, fedwire code associated with the account) and either an account number or an IBAN (International Bank Account Number).

Note – once bank details have been created, they cannot be updated programmatically through use of the Exporter – changes to these details must be addressed in writing to the Finance Department at Bango directly.

Method:

GetBankDetails

Description: Get the registered Bank account details for an existing package

Inputs:

| | | | |
|-----------|-------------|---|---|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system |

Outputs:

| | | | |
|----------------------|--------------|---|--------------------------|
| responseCode | String [50] | A response code indicating status of method call | |
| responseMessage | String [255] | Textual description of request status | |
| bankAccountPayeeName | String [50] | The payee name of the account holder | Authenticati |
| bankAccountNumber | String[20] | The account number of the bank account | Authenticati |
| bankAccountCode | String[20] | The bank / swift / sort / fedwire / CHAPS code of the bank account | The unique the Bango s |
| bankAccountIban | String[34] | The account IBAN for the bank account | The payee r |
| bankName | String[50] | The name of the bank at which the account is held | The account [see notes] |
| bankAddress1 | String[50] | The main address line of the bank at which the account is held | The bank / s code of the |
| bankAddress2 | String[50] | The secondary address line of the bank at which the account is held | The account [see notes] |
| bankAddressCity | String[50] | The city field of the bank address | The name o is held |
| bankAddressState | String[50] | The state field of the bank address | The main a the account |
| bankAddressZipCode | String[50] | The zip code of the bank address | The second which the a |
| bankAddressIso | String[3] | The country code of the bank address | The city field |

Response Codes:

| | |
|---------------------------|--|
| OK | Success |
| ACCESS_DENIED | Invalid username/password |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| BANK_DETAILS_DO_NOT_EXIST | Bank account details do not exist for this package |



Notes

Method:

UpdateAddressDetails

Description:

Change the address details of a package within the Bango system.

Inputs:

| | | | |
|-------------------|--------------|---|---|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system |
| vendorName | String [50] | ✓ | The name of the vendor. |
| address1 | String [50] | ✓ | The main address line |
| address2 | String [50] | ✗ | The secondary address line |
| addressCity | String [50] | ✗ | The city field of the address |
| addressState | String [50] | ✗ | The state field of the address |
| addressZipCode | String [10] | ✓ | The zip code of the address |
| addressPhone | String [20] | ✗ | The telephone contact number of the vendor |
| addressFax | String [20] | ✗ | The fax contact number of the vendor |
| addressCountryIso | String [3] | ✓ | A three letter ISO code specifying the country the package is being created for. Refer to the appendix for supported country ISO codes. |
| homePageURL | String [255] | ✗ | The homepage URL of the vendor |

Outputs:

| | | |
|-----------------|--------------|--|
| responseCode | String [50] | A response code indicating status of method call |
| responseMessage | String [255] | Textual description of request status |

Response Codes:

| | |
|------------------------|--|
| OK | Success |
| ACCESS_DENIED | Invalid username/password |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| INVALID_COUNTRYISO | specified country ISO code is invalid |



Notes

Note – the company name can only be set when calling **CreatePackage**, it cannot be subsequently changed on calls to update address details, however, you are able to update the Vendor Name which is used for naming and configuration parameters for carrier billing.

| | | | |
|-----------------|--|--------------|--|
| Method: | SetVATNumber | | |
| Description: | Set the registered VAT number for an existing package. | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | packageId | Integer | ✓ The unique identifier for the package on the Bango system |
| | vatNumber | String[20] | ✓ The VAT Number |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |
| | INVALID_ADDRESS_DETAILS | | No address details have been specified |

Notes

If address details have not been previously specified for this package, calling this method will return an `INVALID_ADDRESS_DETAILS` error response. You must ensure the address details have been supplied in the **CreatePackage** or **UpdateAddressDetails** methods prior to calling this method.

| | | | |
|-----------------|---|--------------|--|
| Method: | GetVATNumber | | |
| Description: | Get the VAT number for an existing package. | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | packageId | Integer | ✓ The unique identifier for the package on the Bango system |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| | vatNumber | String[50] | The VAT number associated with the package |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |
| | INVALID_ADDRESS_DETAILS | | No address details have been specified |
| | VAT_NUMBER_DOES_NOT_EXIST | | There is no VAT number for the specified Package ID |

Notes

If address details have not been previously specified for this package, calling this method will return an INVALID_ADDRESS_DETAILS error response.

Calling this method where a VAT number has not been previously set will return a VAT_NUMBER_DOES_NOT_EXIST error response.

| | | | |
|-----------------|---|--------------|--|
| Method: | DeleteVATNumber | | |
| Description: | Delete the registered VAT number for an existing package. | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | packageId | Integer | ✓ The unique identifier for the package on the Bango system |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |
| | INVALID_ADDRESS_DETAILS | | No address details have been specified |
| | VAT_NUMBER_DOES_NOT_EXIST | | There is no VAT number for the specified Package ID |

Notes

If address details have not been previously specified for this package, calling this method will return an INVALID_ADDRESS_DETAILS error response.

Calling this method where a VAT number has not been previously set will return a VAT_NUMBER_DOES_NOT_EXIST error response.

| | | | |
|-----------------|---|---------------|---|
| Method: | GetSBIAgreement | | |
| Description: | Retrieve the textual content of the SBI Agreement for this package. | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | packageId | Integer | ✓ The unique identifier for the package on the Bango system |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| | sbiAgreement | String [8000] | Textual content of the SBI agreement (formatted with new line characters) |
| | sbiAgreementValidFrom | DateTime | A DateTime indicating when the current SBI agreement text is valid from (note: this is not the same as the date the SBI agreement was accepted by the vendor) |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_ADDRESS_DETAILS | | The specified Package ID does not have valid address details |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |

Notes

This method is used to programmatically retrieve the current SBI agreement text from Bango. We include an `sbiAgreementValidFrom` `DateTime` element to ensure that if you cache the text, you can check you are showing the latest version. Note: this is **not** the same as the date the SBI agreement was accepted by the vendor.

The `sbiAgreement` element contains all of the required text, formatted with newline characters to allow parsing for display in your website / application.

The `sbiAgreement` contains company name and address details which should have been provided using the **CreatePackage** / **UpdateAddressDetails** methods. If these details are not available, the response message will be `INVALID_ADDRESS_DETAILS`.

| | | | |
|-----------------|---|--------------|--|
| Method: | AcceptSBIAgreement | | |
| Description: | Set that the vendor has accepted the terms and conditions of the SBI agreement. | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | packageId | Integer | ✓ The unique identifier for the package on the Bango system |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_ADDRESS_DETAILS | | The specified Package ID does not have valid address details |
| | SBI_ALREADY_ACCEPTED | | The specified Package ID has already accepted the SBI agreement |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |

Notes

To accept the SBI agreement, the vendor must already have company name and address details set for the specified Package ID.

The SBI agreement acceptance will last for 1 year from the date this method is successfully called. Subsequent calls to this method within this period will result in a response of SBI_ALREADY_ACCEPTED.

The status of the SBI agreement acceptance can only be updated after the current agreement date has expired (see **GetAcceptedSBIAgreement** method); however, we do offer a 30 day grace period prior to expiry when the SBI agreement can be accepted once again.

For example, if a vendor accepts the SBI agreement on the 1st October 2010, it will remain valid until 1st October 2011. However, on 1st September 2011, it will be possible to call this method to extend the agreement before the current agreement period expires. The previously accepted date will be taken into account and the validity period will again run until 1st October 2012.

| | | | |
|-----------------|---|--------------|--|
| Method: | GetAcceptedSBIAgreement | | |
| Description: | Retrieves the status and last accepted date of the SBI agreement. | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | packageId | Integer | ✓ The unique identifier for the package on the Bango system |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| | sbiAgreementAccepted | Boolean | Whether the SBI agreement has been accepted in the last year |
| | acceptedSBIAgreement | DateTime | A DateTime indicating when the SBI agreement was last accepted. |
| | sbiAgreementExpires | DateTime | A DateTime indicating when the SBI agreement validity expires |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_ADDRESS_DETAILS | | The specified Package ID does not have valid address details |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |

Notes

The `sbiAgreementAccepted` flag will indicate whether a vendor has accepted the SBI agreement within the past year – renewal of this agreement is an annual task. If a vendor has previously accepted the SBI agreement, but this acceptance date exceeds 1 year, the `acceptedSBIAgreement` date will indicate when it was last accepted.

If a vendor has **never** accepted the SBI agreement, the `sbiAgreementAccepted` flag will be **false** and the `acceptedSBIAgreement` date and `sbiAgreementExpires` date will be **January 1st 2000**.

| | | | |
|-----------------|--|--------------|--|
| Method: | EnableCreditCardForBilling | | |
| Description: | Specifically allow credit card payments for this package where credit card has previously been disabled. | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | packageId | Integer | ✓ The unique identifier for the package on the Bango system |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |

Notes

By default, the Bango BillRank™ system will select the best payment method available to the user at the time of billing request. This may result in Credit Card being presented as an option where on-bill or PSMS methods are not currently available.

This method allows you to specifically enable the use of Credit Card as a payment method for the entire package where previously it has been disabled.

| | | | |
|-----------------|--|--------------|--|
| Method: | DisableCreditCardForBilling | | |
| Description: | Specifically deny credit card payments for this package. | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | packageId | Integer | ✓ The unique identifier for the package on the Bango system |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |

Notes

By default, the Bango BillRank™ system will select the best payment method available to the user at the time of billing request. This may result in Credit Card being presented as an option where on-bill or PSMS methods are not currently available.

This method allows you to specifically deny the use of Credit Card as a payment method for the entire package.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|---|--|--------------|-------------|--|---------------------------------|-----------------|---|---------------------------------------|---------------------------------|---------------------|---------------------------|---|--|----------------|---|---|--|------------------|------------------------------------|---------------|--|----------------|---------------------------------|-----------------------|--|-------------------|----------------------------------|
| Method: | GetAutoAuthenticationLoginToken | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Retrieve an auto authentication token for use in accessing a vendor portal (where available) for this person and package. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>packageId</td> <td>Integer</td> <td>✓</td> <td>The unique identifier for the package on the Bango system</td> </tr> <tr> <td>personId</td> <td>Integer</td> <td>✓</td> <td>The unique person identifier for the email address within the Bango system</td> </tr> <tr> <td>emailAddress</td> <td>String [100]</td> <td>✓</td> <td>The email address of the developer you wish to create a login token for.</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | packageId | Integer | ✓ | The unique identifier for the package on the Bango system | personId | Integer | ✓ | The unique person identifier for the email address within the Bango system | emailAddress | String [100] | ✓ | The email address of the developer you wish to create a login token for. | | | | | | |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | | | |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system | | | | | | | | | | | | | | | | | | | | | | | | | | |
| personId | Integer | ✓ | The unique person identifier for the email address within the Bango system | | | | | | | | | | | | | | | | | | | | | | | | | | |
| emailAddress | String [100] | ✓ | The email address of the developer you wish to create a login token for. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> <tr> <td>authenticationToken</td> <td>String [50]</td> <td colspan="2">A unique identifier to be used as an authentication token when directing a vendor to the portal login process</td> </tr> <tr> <td>tokenExpiry</td> <td>DateTime</td> <td colspan="2">The expiry time of the issued token (expressed in UTC date time format)</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | authenticationToken | String [50] | A unique identifier to be used as an authentication token when directing a vendor to the portal login process | | tokenExpiry | DateTime | The expiry time of the issued token (expressed in UTC date time format) | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| authenticationToken | String [50] | A unique identifier to be used as an authentication token when directing a vendor to the portal login process | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| tokenExpiry | DateTime | The expiry time of the issued token (expressed in UTC date time format) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the request could not be processed</td> </tr> <tr> <td>INVALID_PACKAGEID</td> <td>The specified Package ID is invalid</td> </tr> <tr> <td>INVALID_PERSONID</td> <td>The specified Person ID is invalid</td> </tr> <tr> <td>INVALID_EMAIL</td> <td>Invalid email address construct</td> </tr> <tr> <td>INVALID_PERSON</td> <td>The specified Person is invalid</td> </tr> <tr> <td>INVALID_STRING_LENGTH</td> <td>Parameter [PARAMNAME] passed exceeds maximum string length</td> </tr> <tr> <td>INVALID_PARAMETER</td> <td>Parameter [PARAMNAME] is invalid</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the request could not be processed | INVALID_PACKAGEID | The specified Package ID is invalid | INVALID_PERSONID | The specified Person ID is invalid | INVALID_EMAIL | Invalid email address construct | INVALID_PERSON | The specified Person is invalid | INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGEID | The specified Package ID is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PERSONID | The specified Person ID is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_EMAIL | Invalid email address construct | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PERSON | The specified Person is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes

The tokenExpiry date will always be expressed in UTC time format.

Once an authentication token has been issued, it has an expiry lifetime of 10 minutes. Within this period, a vendor can be redirected to the portal site using the token and confirmation credentials (to be provided) and will be auto processed and authenticated without having to log in. Once done, the token will automatically be expired.



If a token is not utilised within the 10 minute expiry lifetime, passing a vendor to the portal will result in an error as they will not be able to authenticate.

An authentication token can only be generated for a known user account with permissions over the specified package – this can be for the administrator, support, or finance contacts only – any other requested email address / person ID will return an INVALID_PERSONID response code.

Multiple requests to this method within the expiry time (less a grace period of **1 minute**) will return the same authentication token for a given package ID, email address and person ID combination (while it remains an unclaimed token). A further request to this method after the expiry time will create a new authentication token, and the previous token will be invalidated (expired).

Methods and Interfaces - Number Management

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--|---|---|--------------|-------------|--|---------------------------------|---------------|---|---------------|---------------------------------|---|---------------------------|---------------------|--|----------------|---|-------------------|-------------------------------------|------------------------|-----------------------------|-----------------------|---|-------------------|----------------------------------|-----------------|---|
| Method: | CreateBangoNumber | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Creates a new Bango Number within the Bango system for association against a product. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>packageId</td> <td>Integer</td> <td>✓</td> <td>The package identifier this Bango Number should be created for</td> </tr> <tr> <td>name</td> <td>String [100]</td> <td>✓</td> <td>The name of the new Bango Number</td> </tr> <tr> <td>categoryId</td> <td>Integer</td> <td>✓</td> <td>The specific category ID mapping related to available application categories (see appendix)</td> </tr> <tr> <td>applicationSize</td> <td>String [10]</td> <td>✗</td> <td>The size of the application specified in KB</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | packageId | Integer | ✓ | The package identifier this Bango Number should be created for | name | String [100] | ✓ | The name of the new Bango Number | categoryId | Integer | ✓ | The specific category ID mapping related to available application categories (see appendix) | applicationSize | String [10] | ✗ | The size of the application specified in KB |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | |
| packageId | Integer | ✓ | The package identifier this Bango Number should be created for | | | | | | | | | | | | | | | | | | | | | | | | |
| name | String [100] | ✓ | The name of the new Bango Number | | | | | | | | | | | | | | | | | | | | | | | | |
| categoryId | Integer | ✓ | The specific category ID mapping related to available application categories (see appendix) | | | | | | | | | | | | | | | | | | | | | | | | |
| applicationSize | String [10] | ✗ | The size of the application specified in KB | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td>A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td>Textual description of request status</td> </tr> <tr> <td>bango</td> <td>String [50]</td> <td>The generated unique Bango Number created in the Bango system</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | responseMessage | String [255] | Textual description of request status | bango | String [50] | The generated unique Bango Number created in the Bango system | | | | | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | |
| bango | String [50] | The generated unique Bango Number created in the Bango system | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the request could not be processed</td> </tr> <tr> <td>INVALID_PACKAGEID</td> <td>The specified Package ID is invalid</td> </tr> <tr> <td>INVALID_PACKAGE_STATUS</td> <td>The package is not licensed</td> </tr> <tr> <td>INVALID_STRING_LENGTH</td> <td>Parameter [PARAMNAME] passed exceeds maximum string length</td> </tr> <tr> <td>INVALID_PARAMETER</td> <td>Parameter [PARAMNAME] is invalid</td> </tr> <tr> <td>NO_BANGO_EXISTS</td> <td>No Bango Numbers are available for this package</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the request could not be processed | INVALID_PACKAGEID | The specified Package ID is invalid | INVALID_PACKAGE_STATUS | The package is not licensed | INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | NO_BANGO_EXISTS | No Bango Numbers are available for this package |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGEID | The specified Package ID is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGE_STATUS | The package is not licensed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NO_BANGO_EXISTS | No Bango Numbers are available for this package | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes

The category id value should be a valid mapping for the table shown in the Appendix. If an invalid category id is passed, the value will be stored in the system, however, the mapping of this id to a category describing the product / genre will be invalid, and Bango will revert to system defaults in this instance.

| | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|--|--|--|--------------|-------------|--|---------------------------------|---------------|---|---------------|---------------------------------|---------------|---------------------------|---------------------|--|----------------|---|---------------|---|-------------|------------|---|--|
| Method: | MakePremiumPerAccess | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Enables a previously created Bango Number to be used for premium billing on a per access billing model | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>bango</td> <td>String [50]</td> <td>✓</td> <td>The Bango Number to enable billing on</td> </tr> <tr> <td>price</td> <td>Decimal</td> <td>✓</td> <td>Specify the price point for this Bango Number (as a decimal). A value greater than 0 must be supplied. Refer to appendix on maximum price points supported.</td> </tr> <tr> <td>currencyIso</td> <td>String [3]</td> <td>✓</td> <td>Specify the default base currency to be used by the specified Bango Number. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | bango | String [50] | ✓ | The Bango Number to enable billing on | price | Decimal | ✓ | Specify the price point for this Bango Number (as a decimal). A value greater than 0 must be supplied. Refer to appendix on maximum price points supported. | currencyIso | String [3] | ✓ | Specify the default base currency to be used by the specified Bango Number. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | |
| bango | String [50] | ✓ | The Bango Number to enable billing on | | | | | | | | | | | | | | | | | | | | |
| price | Decimal | ✓ | Specify the price point for this Bango Number (as a decimal). A value greater than 0 must be supplied. Refer to appendix on maximum price points supported. | | | | | | | | | | | | | | | | | | | | |
| currencyIso | String [3] | ✓ | Specify the default base currency to be used by the specified Bango Number. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td>A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td>Textual description of request status</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the request could not be processed</td> </tr> <tr> <td>INVALID_BANGO</td> <td>The specified Bango Number is invalid</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the request could not be processed | INVALID_BANGO | The specified Bango Number is invalid | | | | |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_BANGO | The specified Bango Number is invalid | | | | | | | | | | | | | | | | | | | | | | |

| | |
|--------------------------------------|---|
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_CURRENCYISO | The specified currency ISO code is invalid |
| INVALID_ACCESSMODEL | The specified access model is invalid or not supported |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| PRICE_EXCEEDED | The specified price point exceeds the maximum price point supported for that currency |
| PRICE_LESS_THAN_MINIMUM | The specified price point is less than the minimum value supported |
| PRICE_ZERO_FOR_NON_FREE_ACCESS_MODEL | The price cannot be zero when the supplied access model is not 'free' |
| ACCESSMODEL_DENIED | The specified access model is not allowed |
| DEFAULT_CURRENCY_SETTING_DENIED | The facility to set different default currency pricing with this package is not allowed |
| BANGO_ALREADY_PREMIUM_ENABLED | The specified Bango Number is already enabled for premium billing |

Notes

The MakePremiumPerAccess call can be used to specify the default currency to be used for pricing and billing. This facility is enabled on a per package basis; if it has not been enabled for the particular package and the passed currencyISO is not the same as the base currency used when the package was created, a response of DEFAULT_CURRENCY_SETTING_DENIED will be returned.

Method:

MakePremiumMultiAccess

Description:

Enables a previously created Bango Number to be used for premium billing on a multi-access billing model

Inputs:

| | | | |
|------------------|-------------|---|---|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| bango | String [50] | ✓ | The Bango Number to enable billing on |
| numberOfAccesses | Integer | ✓ | When specifying Multi Access model, specify the number of accesses which can be made to a Bango Number before a user is billed again. A value greater than 1 should be used, otherwise the access model will automatically default to Per Access model. Maximum accesses = 999 |
| price | Decimal | ✓ | Specify the price point for this Bango Number (as a decimal). A value greater than 0 must be supplied. Refer to appendix on maximum price points supported. |
| currencyIso | String [3] | ✓ | Specify the default base currency to be used by the specified Bango Number. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand |

Outputs:

| | | |
|-----------------|--------------|--|
| responseCode | String [50] | A response code indicating status of method call |
| responseMessage | String [255] | Textual description of request status |

Response Codes:

| | |
|---------------|---|
| OK | Success |
| ACCESS_DENIED | Invalid username/password |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |

| | |
|--|---|
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_BANGO | The specified Bango Number is invalid |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_CURRENCYISO | The specified currency ISO code is invalid |
| INVALID_ACCESSMODEL | The specified access model is invalid or not supported |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| PRICE_EXCEEDED | The specified price point exceeds the maximum price point supported for that currency |
| PRICE_LESS_THAN_MINIMUM | The specified price point is less than the minimum value supported |
| PRICE_ZERO_FOR_NON_FREE_ACCESS_MODEL | The price cannot be zero when the supplied access model is not 'free' |
| ACCESSMODEL_DENIED | The specified access model is not allowed |
| ACCESSMODEL_NUMBER_OF_ACCESSES_EXCEEDED | The specified number of access exceeds the maximum supported number of accesses |
| ACCESSMODEL_NUMBER_OF_ACCESSES_LESS_THAN_MINIMUM | The specified number of accesses is less than the minimum value supported |
| ACCESSMODEL_NUMBER_OF_ACCESSES_LESS_THAN_ONE | The specified number of accesses is less than one |
| DEFAULT_CURRENCY_SETTING_DENIED | The facility to set different default currency pricing with this package is not allowed |
| BANGO_ALREADY_PREMIUM_ENABLED | The specified Bango Number is already enabled for premium billing |

Notes

The MakePremiumMultiAccess call can be used to specify the default currency to be used for pricing and billing. This facility is enabled on a per package basis; if it has not been enabled for the particular package and the passed currencyISO is not the same as the base currency used when the package was created, a response of DEFAULT_CURRENCY_SETTING_DENIED will be returned.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|--|--|--------------|-------------|--|---------------------------------|-----------------|--------------|---------------------------------------|---------------------------------|-------|-------------|---|---------------------------------------|-----------|---------|---|--|---------------|-------------|---|--|-------|---------|---|---|-------------|------------|---|--|
| Method: | MakePremiumTimed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Enables a previously created Bango Number to be used for premium billing on a timed billing model | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>bango</td> <td>String [50]</td> <td>✓</td> <td>The Bango Number to enable billing on</td> </tr> <tr> <td>validTime</td> <td>Integer</td> <td>✓</td> <td>Specify the period of access to a particular Bango number per payment transaction. Maximum period = 525600 minutes (365 days)</td> </tr> <tr> <td>validTimeUnit</td> <td>String [10]</td> <td>✓</td> <td>The time unit specified in validTime. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER</td> </tr> <tr> <td>price</td> <td>Decimal</td> <td>✓</td> <td>Specify the price point for this Bango Number (as a decimal). A value greater than 0 must be supplied. Refer to appendix on maximum price points supported.</td> </tr> <tr> <td>currencyIso</td> <td>String [3]</td> <td>✓</td> <td>Specify the default base currency to be used by the specified Bango Number. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | bango | String [50] | ✓ | The Bango Number to enable billing on | validTime | Integer | ✓ | Specify the period of access to a particular Bango number per payment transaction. Maximum period = 525600 minutes (365 days) | validTimeUnit | String [10] | ✓ | The time unit specified in validTime. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER | price | Decimal | ✓ | Specify the price point for this Bango Number (as a decimal). A value greater than 0 must be supplied. Refer to appendix on maximum price points supported. | currencyIso | String [3] | ✓ | Specify the default base currency to be used by the specified Bango Number. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| bango | String [50] | ✓ | The Bango Number to enable billing on | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| validTime | Integer | ✓ | Specify the period of access to a particular Bango number per payment transaction. Maximum period = 525600 minutes (365 days) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| validTimeUnit | String [10] | ✓ | The time unit specified in validTime. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| price | Decimal | ✓ | Specify the price point for this Bango Number (as a decimal). A value greater than 0 must be supplied. Refer to appendix on maximum price points supported. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| currencyIso | String [3] | ✓ | Specify the default base currency to be used by the specified Bango Number. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response | OK | | Success | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|---------------------------------|---|---|
| Codes: | ACCESS_DENIED | Invalid username/password |
| | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | Request not over SSL |
| | ACCESS_DENIED | Invalid client IP address |
| | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| | INVALID_BANGO | The specified Bango Number is invalid |
| | INVALID_PACKAGEID | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | The package is not licensed |
| | INVALID_CURRENCYISO | The specified currency ISO code is invalid |
| | INVALID_ACCESSMODEL | The specified access model is invalid or not supported |
| | INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| | PRICE_EXCEEDED | The specified price point exceeds the maximum price point supported for that currency |
| | PRICE_LESS_THAN_MINIMUM | The specified price point is less than the minimum value supported |
| | PRICE_ZERO_FOR_NON_FREE_ACCESS_MODEL | The price cannot be zero when the supplied access model is not 'free' |
| | ACCESSMODEL_DENIED | The specified access model is not allowed |
| | ACCESSMODEL_TIME_PERIOD_EXCEEDED | The specified time period exceeds the maximum supported time periods |
| | ACCESSMODEL_TIME_PERIOD_LESS_THAN_MINIMUM | The specified time period is less than the minimum value supported |
| | ACCESSMODEL_TIME_PERIOD_LESS_THAN_ONE | The specified time period is less than one |
| DEFAULT_CURRENCY_SETTING_DENIED | The facility to set different default currency pricing with this package is not allowed | |
| BANGO_ALREADY_PREMIUM_ENABLED | The specified Bango Number is already enabled for premium billing | |

Notes

The MakePremiumTimed call can be used to specify the default currency to be used for pricing and billing. This facility is enabled on a per package basis; if it has not been enabled for the particular package and the passed currencyISO is not the same as the base currency used when the package was created, a response of DEFAULT_CURRENCY_SETTING_DENIED will be returned.

Method:

MakePremiumRepeat

Description: Enables a previously created Bango Number to be used for premium billing on a subscription billing model

Inputs:

| | | | |
|--------------------|-------------|---|--|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| bango | String [50] | ✓ | The Bango Number to enable billing on |
| validTime | Integer | ✓ | Specify the period of access (in minutes) to a particular Bango number per payment transaction. Maximum period = 525600 minutes (365 days) |
| validTimeUnit | String [10] | ✓ | The time unit specified in validTime. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |
| initialTime | Integer | ✗ | When using REPEAT subscription model, you can specify an initial price which may differ from the recurring subscription price. You can also specify an initial period which can differ from the validTime parameter, such as when offering a discount on a subscription for a reduced period before the subscription reverts to the standard price and renewal period. Maximum period = 525600 minutes (365 days) |
| initialTimeUnit | String [10] | ✗ | The time unit specified in initialTime. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |
| initialTimeApplies | Boolean | ✓ | Flag to specify whether the initialTime parameter should apply. If set to FALSE any values in the initialTime parameter will be ignored. |
| exclusionPeriod | Integer | ✗ | When using REPEAT subscription model, you can specify an exclusion period (in |

| | | | |
|------------------------|-------------|---|---|
| | | | minutes) whereby after a user cancels a subscription they can re-enable it only after this exclusion period has passed. Maximum period = 52034400 minutes (36135 days or 99 years) |
| exclusionPeriodUnit | String [10] | ✗ | The time unit specified in exclusionPeriod. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |
| exclusionPeriodApplies | Boolean | ✓ | Flag to specify whether the exclusionPeriod parameter should apply. If set to FALSE any values in the exclusionPeriod parameter will be ignored. |
| price | Decimal | ✓ | Specify the price point for this Bango Number (as a decimal). A value greater than 0 must be supplied. Refer to appendix on maximum price points supported. |
| initialPrice | Decimal | ✗ | When using REPEAT subscription model, if you have specified an initialValidTime, you can also specify a different price point which applies during this initial period. If you specify an initial price, it must be greater than 0 . Refer to appendix on maximum price points supported. |
| initialPriceApplies | Boolean | ✓ | Flag to specify whether the initialPrice parameter should apply. If set to FALSE any values in the initialPrice parameter will be ignored. |
| currencyIso | String [3] | ✓ | Specify the default base currency to be used by the specified Bango Number. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos |

| | | | |
|-----------------|---|--------------|---|
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_BANGO | | The specified Bango Number is invalid |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_CURRENCYISO | | The specified currency ISO code is invalid |
| | INVALID_ACCESSMODEL | | The specified access model is invalid or not supported |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |
| | PRICE_EXCEEDED | | The specified price point exceeds the maximum price point supported for that currency |
| | PRICE_LESS_THAN_MINIMUM | | The specified price point is less than the minimum value supported |
| | PRICE_ZERO_FOR_NON_FREE_ACCESS_MODEL | | The price cannot be zero when the supplied access model is not 'free' |
| | INITIAL_PRICE_EXCEEDED | | The specified initial price point exceeds the maximum price point supported for that currency |
| | INITIAL_PRICE_LESS_THAN_MINIMUM | | The specified initial price point is less than the minimum value supported |
| | ACCESSMODEL_DENIED | | The specified access model is not allowed |
| | ACCESSMODEL_TIME_PERIOD_EXCEEDED | | The specified time period exceeds the maximum supported time periods |
| | ACCESSMODEL_TIME_PERIOD_LESS_THAN_MINIMUM | | The specified time period is less than the minimum value supported |
| | ACCESSMODEL_TIME_PERIOD_LESS_THAN_ONE | | The specified time period is less than one |
| | ACCESSMODEL_INITIAL_TIME_PERIOD_EXCEEDED | | The specified initial time period exceeds the maximum supported time periods |
| | ACCESSMODEL_INITIAL_TIME_PERIOD_LESS_THAN_MINIMUM | | The specified initial time period is less than the minimum value supported |
| | ACCESSMODEL_INITIAL_TIME_PERIOD_LESS_THAN_ONE | | The specified initial time period is less than one |
| | ACCESSMODEL_EXCLUSION_PERIOD_EXCEEDED | | The specified exclusion period exceeds the maximum supported time periods |
| | ACCESSMODEL_EXCLUSION_PERIOD_LESS_THAN_MINIMUM | | The specified exclusion period is less than the minimum value supported |
| | ACCESSMODEL_EXCLUSION_ | | The specified exclusion period is less than |

| | |
|---------------------------------|---|
| PERIOD_LESS_THAN_ONE | one |
| DEFAULT_CURRENCY_SETTING_DENIED | The facility to set different default currency pricing with this package is not allowed |
| BANGO_ALREADY_PREMIUM_ENABLED | The specified Bango Number is already enabled for premium billing |

Notes

The MakePremiumRepeat call can be used to specify the default currency to be used for pricing and billing. This facility is enabled on a per package basis; if it has not been enabled for the particular package and the passed currencyISO is not the same as the base currency used when the package was created, a response of DEFAULT_CURRENCY_SETTING_DENIED will be returned.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|--|---|--------------|-------------|--|---------------------------------|-----------------|--------------|---------------------------------------|---------------------------------|-------|-------------|---|--|-------|---------|---|--|--------------|---------|---|---|---------------------|---------|---|---|-------------|------------|---|---|
| Method: | CreatePricePoint | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Creates a new price point for a different currency than the default currency against an existing Bango Number which has been enabled for premium billing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>bango</td> <td>String [50]</td> <td>✓</td> <td>The Bango Number to add a price point to</td> </tr> <tr> <td>price</td> <td>Decimal</td> <td>✓</td> <td>Specify the price point for this Bango number (as a decimal). Refer to appendix on maximum price points supported.</td> </tr> <tr> <td>initialPrice</td> <td>Decimal</td> <td>✗</td> <td>When using REPEAT subscription model, if you have specified an initialValidTime when calling the MakePremiumRepeat method, you can also specify a different price which applies during this initial period. If you specify an initial price, it must be greater than 0. This value is not required for other access models and a value of 0 should be passed.</td> </tr> <tr> <td>initialPriceApplies</td> <td>Boolean</td> <td>✓</td> <td>Flag to specify whether the initialPrice parameter should apply. If set to FALSE any values in the initialPrice parameter will be ignored.</td> </tr> <tr> <td>currencyIso</td> <td>String [3]</td> <td>✓</td> <td>Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | bango | String [50] | ✓ | The Bango Number to add a price point to | price | Decimal | ✓ | Specify the price point for this Bango number (as a decimal). Refer to appendix on maximum price points supported. | initialPrice | Decimal | ✗ | When using REPEAT subscription model, if you have specified an initialValidTime when calling the MakePremiumRepeat method, you can also specify a different price which applies during this initial period. If you specify an initial price, it must be greater than 0. This value is not required for other access models and a value of 0 should be passed. | initialPriceApplies | Boolean | ✓ | Flag to specify whether the initialPrice parameter should apply. If set to FALSE any values in the initialPrice parameter will be ignored. | currencyIso | String [3] | ✓ | Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| bango | String [50] | ✓ | The Bango Number to add a price point to | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| price | Decimal | ✓ | Specify the price point for this Bango number (as a decimal). Refer to appendix on maximum price points supported. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| initialPrice | Decimal | ✗ | When using REPEAT subscription model, if you have specified an initialValidTime when calling the MakePremiumRepeat method, you can also specify a different price which applies during this initial period. If you specify an initial price, it must be greater than 0. This value is not required for other access models and a value of 0 should be passed. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| initialPriceApplies | Boolean | ✓ | Flag to specify whether the initialPrice parameter should apply. If set to FALSE any values in the initialPrice parameter will be ignored. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| currencyIso | String [3] | ✓ | Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|---------------------------------|---|
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_BANGO | The specified Bango Number is invalid |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_CURRENCYISO | The specified currency ISO code is invalid |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| PRICE_EXCEEDED | The specified price point exceeds the maximum price point supported for that currency |
| PRICE_LESS_THAN_MINIMUM | The specified price point is less than the minimum value supported |
| INITIAL_PRICE_EXCEEDED | The specified initial price point exceeds the maximum price point supported for that currency |
| INITIAL_PRICE_LESS_THAN_MINIMUM | The specified initial price point is less than the minimum value supported |
| PRICE_POINT_EXISTS | The specified price point already exists |
| BANGO_NOT_PREMIUM_ENABLED | The specified Bango Number is not enabled for premium billing |
| MULTI_CURRENCY_PRICING_DENIED | The facility to set multi-currency pricing with this package is not allowed |

Notes

Use of `initialPriceApplies` and `initialPrice` parameters is only valid when using managed subscriptions. Calls to this method when the specified Bango Number is not using the subscription access model will ignore any values set for `initialPriceApplies` and `initialPrice`.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|--|---|--------------|-------------|--|---------------------------------|-----------------|---|---------------------------------------|---------------------------------|---------------|---------------------------|--|--|----------------|--|--|---|---------------------|---------|--|--|----------------|---------|--|--|
| Method: | GetPricePoint | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Gets pricing details for a price point against an existing Bango Number which has been enabled for premium billing. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>bango</td> <td>String [50]</td> <td>✓</td> <td>The Bango Number to enable billing on</td> </tr> <tr> <td>currencyIso</td> <td>String [3]</td> <td>✓</td> <td>Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | bango | String [50] | ✓ | The Bango Number to enable billing on | currencyIso | String [3] | ✓ | Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos | | | | | | | | |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | |
| bango | String [50] | ✓ | The Bango Number to enable billing on | | | | | | | | | | | | | | | | | | | | | | | | |
| currencyIso | String [3] | ✓ | Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> <tr> <td>price</td> <td>Decimal</td> <td colspan="2">The price point set for the requested currency ISO</td> </tr> <tr> <td>initialPrice</td> <td>Decimal</td> <td colspan="2">The initial price point set for the requested currency ISO (if applicable)</td> </tr> <tr> <td>initialPriceApplies</td> <td>Boolean</td> <td colspan="2">Flag to indicate whether the initialPrice parameter value applies for this price point</td> </tr> <tr> <td>isBaseCurrency</td> <td>Boolean</td> <td colspan="2">Flag to indicate whether the specified currencyIso is the default currency of the Bango Number</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | price | Decimal | The price point set for the requested currency ISO | | initialPrice | Decimal | The initial price point set for the requested currency ISO (if applicable) | | initialPriceApplies | Boolean | Flag to indicate whether the initialPrice parameter value applies for this price point | | isBaseCurrency | Boolean | Flag to indicate whether the specified currencyIso is the default currency of the Bango Number | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | |
| price | Decimal | The price point set for the requested currency ISO | | | | | | | | | | | | | | | | | | | | | | | | | |
| initialPrice | Decimal | The initial price point set for the requested currency ISO (if applicable) | | | | | | | | | | | | | | | | | | | | | | | | | |
| initialPriceApplies | Boolean | Flag to indicate whether the initialPrice parameter value applies for this price point | | | | | | | | | | | | | | | | | | | | | | | | | |
| isBaseCurrency | Boolean | Flag to indicate whether the specified currencyIso is the default currency of the Bango Number | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the | | | | | | | | | | |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|----------------------------|---|
| | request could not be processed |
| INVALID_BANGO | The specified Bango Number is invalid |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_CURRENCYISO | The specified currency ISO code is invalid |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| PRICE_POINT_DOES_NOT_EXIST | The specified price point does not exist |
| BANGO_NOT_PREMIUM_ENABLED | The specified Bango Number is not enabled for premium billing |

Notes

The `initialPriceApplies` and `initialPrice` parameters are only valid when using managed subscriptions. Calls to this method when the specified Bango Number is not using the subscription access model should ignore any values set for `initialPriceApplies` and `initialPrice`. They will always default to **FALSE** and **0** respectively.

| | | | |
|-----------------|--|--------------|---|
| Method: | GetPricePoints | | |
| Description: | Gets pricing details for all price points against an existing Bango Number which has been enabled for premium billing. | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | bango | String [50] | ✓ The Bango Number to enable billing on |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| | /pricePoints/pricePoint/price | Decimal | The price point for the currency specified |
| | /pricePoints/pricePoint/initialPrice | Decimal | The initial price for the currency specified if applicable |
| | /pricePoints/pricePoint/initialPriceApplies | Boolean | A flag to indicate whether the initialPrice parameter should apply. If set to FALSE any values in the initialPrice parameter can be ignored. |
| | /pricePoints/pricePoint/currencyIso | String [3] | The currency for this particular price point |
| | /pricePoints/pricePoint/isBaseCurrency | Boolean | A flag to indicate whether this particular price point and currency is the default currency set for this Bango Number |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_BANGO | | The specified Bango Number is invalid |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] passed exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |
| | BANGO_NOT_PREMIUM_ENABLED | | The specified Bango Number is not enabled for premium billing |

Notes

The initialPriceApplies and initialPrice parameters are only valid when using managed subscriptions. Calls to this method when the specified Bango Number is not using the subscription access model should ignore any values set for initialPriceApplies and initialPrice. They will always default to **FALSE** and **0** respectively.



There will be multiple elements output for the price points for a single Bango Number to encapsulate different currencies and price points.



Method:

GetMaximumPricePoint

Description: Gets maximum pricing for a price point against an existing Bango Number.

Inputs:

| | | | |
|-------------|-------------|---|---|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| bango | String [50] | ✓ | The Bango Number to retrieve pricing point details for |
| currencyIso | String [3] | ✓ | Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos |

Outputs:

| | | |
|-----------------|--------------|--|
| responseCode | String [50] | A response code indicating status of method call |
| responseMessage | String [255] | Textual description of request status |
| maximumPrice | Decimal | The maximum price point supported for the requested currency ISO |

Response Codes:

| | |
|------------------------|--|
| OK | Success |
| ACCESS_DENIED | Invalid username/password |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_BANGO | The specified Bango Number is invalid |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_CURRENCYISO | The specified currency ISO code is invalid |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length |

| | |
|----------------------------|--|
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| PRICE_POINT_DOES_NOT_EXIST | The specified price point does not exist |

Notes

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--------------|-------------|--|---------------------------------|-----------------|---|---------------------------------------|---------------------------------|--|---------------------------|--|--|---|---|--|---------------------------------------|-------------------|-------------------------------------|------------------------|-----------------------------|-----------------------|--|-------------------|----------------------------------|
| Method: | GetMaximumPricePoints | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Gets maximum pricing for all price points against an existing Bango Number. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>bango</td> <td>String [50]</td> <td>✓</td> <td>The Bango Number to retrieve pricing point details for</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | bango | String [50] | ✓ | The Bango Number to retrieve pricing point details for | | | | | | | | | | | | |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | |
| bango | String [50] | ✓ | The Bango Number to retrieve pricing point details for | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> <tr> <td>/maximumPricePoints/ maximumPricePoint/maximumPrice</td> <td>Decimal</td> <td colspan="2">The maximum price point for the currency specified</td> </tr> <tr> <td>/maximumPricePoints/ maximumPricePoint/currencyIso</td> <td>String [3]</td> <td colspan="2">The currency for this particular maximum price point</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | /maximumPricePoints/ maximumPricePoint/maximumPrice | Decimal | The maximum price point for the currency specified | | /maximumPricePoints/ maximumPricePoint/currencyIso | String [3] | The currency for this particular maximum price point | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | |
| /maximumPricePoints/ maximumPricePoint/maximumPrice | Decimal | The maximum price point for the currency specified | | | | | | | | | | | | | | | | | | | | | | | | | |
| /maximumPricePoints/ maximumPricePoint/currencyIso | String [3] | The currency for this particular maximum price point | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the request could not be processed</td> </tr> <tr> <td>INVALID_BANGO</td> <td>The specified Bango Number is invalid</td> </tr> <tr> <td>INVALID_PACKAGEID</td> <td>The specified Package ID is invalid</td> </tr> <tr> <td>INVALID_PACKAGE_STATUS</td> <td>The package is not licensed</td> </tr> <tr> <td>INVALID_STRING_LENGTH</td> <td>Parameter [PARAMNAME] passed exceeds maximum string length</td> </tr> <tr> <td>INVALID_PARAMETER</td> <td>Parameter [PARAMNAME] is invalid</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the request could not be processed | INVALID_BANGO | The specified Bango Number is invalid | INVALID_PACKAGEID | The specified Package ID is invalid | INVALID_PACKAGE_STATUS | The package is not licensed | INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_BANGO | The specified Bango Number is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGEID | The specified Package ID is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGE_STATUS | The package is not licensed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes

There will be multiple elements output for the maximum price points for a single Bango Number to encapsulate different currencies and maximum price points.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|--|--|--|--------------|-------------|--|---------------------------------|-----------------|--------------|---------------------------------------|---------------------------------|-------|-------------|---|---------------------------------------|-------|---------|---|--|--------------|---------|---|---|---------------------|---------|---|---|-------------|------------|---|--|
| Method: | UpdatePricePoint | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Updates an existing price point against an existing Bango Number which has been enabled for premium billing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>bango</td> <td>String [50]</td> <td>✓</td> <td>The Bango Number to enable billing on</td> </tr> <tr> <td>price</td> <td>Decimal</td> <td>✓</td> <td>Specify the price point for this Bango number (as a decimal). Refer to appendix on maximum price points supported.</td> </tr> <tr> <td>initialPrice</td> <td>Decimal</td> <td>✗</td> <td>When using REPEAT subscription model, if you have specified an initialValidTime when calling the MakePremiumRepeat method, you can also specify a different price which applies during this initial period. If you specify an initial price, it must be greater than 0. This value is not required for other access models and a value of 0 should be passed.</td> </tr> <tr> <td>initialPriceApplies</td> <td>Boolean</td> <td>✓</td> <td>Flag to specify whether the initialPrice parameter should apply. If set to FALSE any values in the initialPrice parameter will be ignored.</td> </tr> <tr> <td>currencyIso</td> <td>String [3]</td> <td>✓</td> <td>Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | bango | String [50] | ✓ | The Bango Number to enable billing on | price | Decimal | ✓ | Specify the price point for this Bango number (as a decimal). Refer to appendix on maximum price points supported. | initialPrice | Decimal | ✗ | When using REPEAT subscription model, if you have specified an initialValidTime when calling the MakePremiumRepeat method, you can also specify a different price which applies during this initial period. If you specify an initial price, it must be greater than 0. This value is not required for other access models and a value of 0 should be passed. | initialPriceApplies | Boolean | ✓ | Flag to specify whether the initialPrice parameter should apply. If set to FALSE any values in the initialPrice parameter will be ignored. | currencyIso | String [3] | ✓ | Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| bango | String [50] | ✓ | The Bango Number to enable billing on | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| price | Decimal | ✓ | Specify the price point for this Bango number (as a decimal). Refer to appendix on maximum price points supported. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| initialPrice | Decimal | ✗ | When using REPEAT subscription model, if you have specified an initialValidTime when calling the MakePremiumRepeat method, you can also specify a different price which applies during this initial period. If you specify an initial price, it must be greater than 0. This value is not required for other access models and a value of 0 should be passed. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| initialPriceApplies | Boolean | ✓ | Flag to specify whether the initialPrice parameter should apply. If set to FALSE any values in the initialPrice parameter will be ignored. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| currencyIso | String [3] | ✓ | Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | |
|---------------------------------|---|
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_BANGO | The specified Bango Number is invalid |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_CURRENCYISO | The specified currency ISO code is invalid |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| PRICE_EXCEEDED | The specified price point exceeds the maximum price point supported for that currency |
| PRICE_LESS_THAN_MINIMUM | The specified price point is less than the minimum value supported |
| INITIAL_PRICE_EXCEEDED | The specified initial price point exceeds the maximum price point supported for that currency |
| INITIAL_PRICE_LESS_THAN_MINIMUM | The specified initial price point is less than the minimum value supported |
| PRICE_POINT_DOES_NOT_EXIST | The specified price point does not exist |
| BANGO_NOT_PREMIUM_ENABLED | The specified Bango Number is not enabled for premium billing |
| MULTI_CURRENCY_PRICING_DENIED | The facility to set multi-currency pricing with this package is not allowed |

Notes

Use of `initialPriceApplies` and `initialPrice` parameters is only valid when using managed subscriptions. Calls to this method when the specified Bango Number is not using the subscription access model will ignore any values set for `initialPriceApplies` and `initialPrice`.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|--|---|--------------|-------------|--|---------------------------------|-----------------|---|---------------------------------------|---------------------------------|---------------|---------------------------|---------------------|--|----------------|---|---------------|---|-------------------|-------------------------------------|------------------------|-----------------------------|---------------------|--|-----------------------|--|-------------------|----------------------------------|----------------------------|--|
| Method: | DeletePricePoint | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Deletes a price point against an existing Bango Number which has been enabled for premium billing. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>bango</td> <td>String [50]</td> <td>✓</td> <td>The Bango Number to enable billing on</td> </tr> <tr> <td>currencyIso</td> <td>String [3]</td> <td>✓</td> <td>Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | bango | String [50] | ✓ | The Bango Number to enable billing on | currencyIso | String [3] | ✓ | Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos | | | | | | | | | | | | |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| bango | String [50] | ✓ | The Bango Number to enable billing on | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| currencyIso | String [3] | ✓ | Specify the currency which the price point applies to. Bango support these possible currencies - USD - US Dollars GBP - Pounds Sterling EUR - Euro AUD - Australian Dollars CAD - Canadian Dollars CHF - Swiss Francs DKK - Danish Krone MYR - Malaysian Ringgit NOK - Norwegian Krone NZD - New Zealand Dollars SEK - Swedish Krone SGD - Singapore Dollar THB - Thai Baht ZAR - South African Rand IRD - Indonesian Rupiah COP - Colombian Pesos | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the request could not be processed</td> </tr> <tr> <td>INVALID_BANGO</td> <td>The specified Bango Number is invalid</td> </tr> <tr> <td>INVALID_PACKAGEID</td> <td>The specified Package ID is invalid</td> </tr> <tr> <td>INVALID_PACKAGE_STATUS</td> <td>The package is not licensed</td> </tr> <tr> <td>INVALID_CURRENCYISO</td> <td>The specified currency ISO code is invalid</td> </tr> <tr> <td>INVALID_STRING_LENGTH</td> <td>Parameter [PARAMNAME] passed exceeds maximum string length</td> </tr> <tr> <td>INVALID_PARAMETER</td> <td>Parameter [PARAMNAME] is invalid</td> </tr> <tr> <td>PRICE_POINT_DOES_NOT_EXIST</td> <td>The specified price point does not exist</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the request could not be processed | INVALID_BANGO | The specified Bango Number is invalid | INVALID_PACKAGEID | The specified Package ID is invalid | INVALID_PACKAGE_STATUS | The package is not licensed | INVALID_CURRENCYISO | The specified currency ISO code is invalid | INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | PRICE_POINT_DOES_NOT_EXIST | The specified price point does not exist |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_BANGO | The specified Bango Number is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGEID | The specified Package ID is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGE_STATUS | The package is not licensed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_CURRENCYISO | The specified currency ISO code is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] passed exceeds maximum string length | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRICE_POINT_DOES_NOT_EXIST | The specified price point does not exist | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DEFAULT_CURRENCY_CANNOT_BE_DELETED

The specified price point is the default currency for this Bango Number and cannot be deleted

Notes

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|--|--|--|--------------|-------------|--|---------------------------------|-----------------|---|---------------------------------------|---------------------------------|---------------|---------------------------|---------------------|--|----------------|---|---------------|---------------------------------------|-------------------|-------------------------------------|------------------------|-----------------------------|---------------------|--|-----------------------|---|-------------------|----------------------------------|--------------------|---|---------------------------|---|
| Method: | UpdateAccessModelPerAccess | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Description: | Changes the access model for a Bango Number to per access payment model | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Inputs: | <table border="1"> <tr> <td>username</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Username</td> </tr> <tr> <td>password</td> <td>String [50]</td> <td>✓</td> <td>Authentication Details Password</td> </tr> <tr> <td>bango</td> <td>String [50]</td> <td>✓</td> <td>The Bango Number to update to PER ACCESS billing model</td> </tr> </table> | | | username | String [50] | ✓ | Authentication Details Username | password | String [50] | ✓ | Authentication Details Password | bango | String [50] | ✓ | The Bango Number to update to PER ACCESS billing model | | | | | | | | | | | | | | | | | | |
| username | String [50] | ✓ | Authentication Details Username | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| password | String [50] | ✓ | Authentication Details Password | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| bango | String [50] | ✓ | The Bango Number to update to PER ACCESS billing model | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Outputs: | <table border="1"> <tr> <td>responseCode</td> <td>String [50]</td> <td colspan="2">A response code indicating status of method call</td> </tr> <tr> <td>responseMessage</td> <td>String [255]</td> <td colspan="2">Textual description of request status</td> </tr> </table> | | | responseCode | String [50] | A response code indicating status of method call | | responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | |
| responseCode | String [50] | A response code indicating status of method call | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| responseMessage | String [255] | Textual description of request status | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Response Codes: | <table border="1"> <tr> <td>OK</td> <td>Success</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid username/password</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid credentials. You are not authorized to call this method</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Request not over SSL</td> </tr> <tr> <td>ACCESS_DENIED</td> <td>Invalid client IP address</td> </tr> <tr> <td>SERVICE_UNAVAILABLE</td> <td>The service is currently unavailable and your request could not be processed</td> </tr> <tr> <td>INTERNAL_ERROR</td> <td>A problem on the server meant that the request could not be processed</td> </tr> <tr> <td>INVALID_BANGO</td> <td>The specified Bango Number is invalid</td> </tr> <tr> <td>INVALID_PACKAGEID</td> <td>The specified Package ID is invalid</td> </tr> <tr> <td>INVALID_PACKAGE_STATUS</td> <td>The package is not licensed</td> </tr> <tr> <td>INVALID_ACCESSMODEL</td> <td>The specified access model is invalid or not supported</td> </tr> <tr> <td>INVALID_STRING_LENGTH</td> <td>Parameter [PARAMNAME] exceeds maximum string length</td> </tr> <tr> <td>INVALID_PARAMETER</td> <td>Parameter [PARAMNAME] is invalid</td> </tr> <tr> <td>ACCESSMODEL_DENIED</td> <td>The specified access model is not allowed</td> </tr> <tr> <td>BANGO_NOT_PREMIUM_ENABLED</td> <td>The specified Bango Number is not enabled for premium billing</td> </tr> </table> | | | OK | Success | ACCESS_DENIED | Invalid username/password | ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | ACCESS_DENIED | Request not over SSL | ACCESS_DENIED | Invalid client IP address | SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | INTERNAL_ERROR | A problem on the server meant that the request could not be processed | INVALID_BANGO | The specified Bango Number is invalid | INVALID_PACKAGEID | The specified Package ID is invalid | INVALID_PACKAGE_STATUS | The package is not licensed | INVALID_ACCESSMODEL | The specified access model is invalid or not supported | INVALID_STRING_LENGTH | Parameter [PARAMNAME] exceeds maximum string length | INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | ACCESSMODEL_DENIED | The specified access model is not allowed | BANGO_NOT_PREMIUM_ENABLED | The specified Bango Number is not enabled for premium billing |
| OK | Success | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid username/password | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Request not over SSL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESS_DENIED | Invalid client IP address | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_BANGO | The specified Bango Number is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGEID | The specified Package ID is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PACKAGE_STATUS | The package is not licensed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_ACCESSMODEL | The specified access model is invalid or not supported | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] exceeds maximum string length | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ACCESSMODEL_DENIED | The specified access model is not allowed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BANGO_NOT_PREMIUM_ENABLED | The specified Bango Number is not enabled for premium billing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Notes

Method:

UpdateAccessModelMultiAccess

Description:

Changes the access model for a Bango Number to multi access payment model

Inputs:

| | | | |
|------------------|-------------|---|--|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| bango | String [50] | ✓ | The Bango Number to enable billing on |
| numberOfAccesses | Integer | ✓ | When specifying Multi Access model, specify the number of accesses which can be made to a Bango Number before a user is billed again. A value greater than 1 should be used, otherwise the access model will automatically default to Per Access model. Maximum accesses = 999 |

Outputs:

| | | |
|-----------------|--------------|--|
| responseCode | String [50] | A response code indicating status of method call |
| responseMessage | String [255] | Textual description of request status |

Response Codes:

| | |
|---|---|
| OK | Success |
| ACCESS_DENIED | Invalid username/password |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_BANGO | The specified Bango Number is invalid |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_ACCESSMODEL | The specified access model is invalid or not supported |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| ACCESSMODEL_DENIED | The specified access model is not allowed |
| ACCESSMODEL_NUMBER_OF_ACCESSSES_EXCEEDED | The specified number of access exceeds the maximum supported number of accesses |
| ACCESSMODEL_NUMBER_OF_ACCESSSES_LESS_THAN_MINIMUM | The specified number of accesses is less than the minimum value supported |
| ACCESSMODEL_NUMBER_OF_ACCESSSES_LESS_THAN_ONE | The specified number of accesses is less than one |
| BANGO_NOT_PREMIUM_ENABLED | The specified Bango Number is not enabled for premium billing |



Notes

Method:

UpdateAccessModelTimed

Description:

Changes the access model for a Bango Number to timed payment model

Inputs:

| | | | |
|---------------|-------------|---|---|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| bango | String [50] | ✓ | The Bango Number to enable billing on |
| validTime | Integer | ✓ | Specify the period of access to a particular Bango number per payment transaction. Maximum period = 525600 minutes (365 days) |
| validTimeUnit | String [10] | ✓ | The time unit specified in validTime. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |

Outputs:

| | | |
|-----------------|--------------|--|
| responseCode | String [50] | A response code indicating status of method call |
| responseMessage | String [255] | Textual description of request status |

Response Codes:

| | |
|---|--|
| OK | Success |
| ACCESS_DENIED | Invalid username/password |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_BANGO | The specified Bango Number is invalid |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_ACCESSMODEL | The specified access model is invalid or not supported |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| ACCESSMODEL_DENIED | The specified access model is not allowed |
| ACCESSMODEL_TIME_PERIOD_EXCEEDED | The specified time period exceeds the maximum supported time periods |
| ACCESSMODEL_TIME_PERIOD_LESS_THAN_MINIMUM | The specified time period is less than the minimum value supported |
| ACCESSMODEL_TIME_PERIOD_ | The specified time period is less than one |

| | | |
|--|---------------------------|---|
| | LESS_THAN_ONE | |
| | BANGO_NOT_PREMIUM_ENABLED | The specified Bango Number is not enabled for premium billing |

Notes

Method:

UpdateAccessModelRepeat

Description: Changes the access model for a Bango Number to repeat (managed subscription) payment model

Inputs:

| | | | |
|--------------------|-------------|---|--|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| bango | String [50] | ✓ | The Bango Number to enable billing on |
| validTime | Integer | ✓ | Specify the period of access (in minutes) to a particular Bango number per payment transaction. Maximum period = 525600 minutes (365 days) |
| validTimeUnit | String [10] | ✓ | The time unit specified in validTime. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |
| initialTime | Integer | ✗ | When using REPEAT subscription model, you can specify an initial price which may differ from the recurring subscription price. You can also specify an initial period which can differ from the validTime parameter, such as when offering a discount on a subscription for a reduced period before the subscription reverts to the standard price and renewal period. Maximum period = 525600 minutes (365 days) |
| initialTimeUnit | String [10] | ✗ | The time unit specified in initialTime. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |
| initialTimeApplies | Boolean | ✓ | Flag to specify whether the initialTime parameter should apply. If set to FALSE any values in the initialTime parameter will be ignored. |
| exclusionPeriod | Integer | ✗ | When using REPEAT subscription model, you can specify an exclusion period (in minutes) whereby after a user cancels a |

| | | | |
|------------------------|-------------|---|---|
| | | | subscription they can re-enable it only after this exclusion period has passed. Maximum period = 52034400 minutes (36135 days or 99 years) |
| exclusionPeriodUnit | String [10] | ✗ | The time unit specified in exclusionPeriod. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |
| exclusionPeriodApplies | Boolean | ✓ | Flag to specify whether the exclusionPeriod parameter should apply. If set to FALSE any values in the exclusionPeriod parameter will be ignored. |

Outputs:

| | | |
|-----------------|--------------|--|
| responseCode | String [50] | A response code indicating status of method call |
| responseMessage | String [255] | Textual description of request status |

Response Codes:

| | |
|---|--|
| OK | Success |
| ACCESS_DENIED | Invalid username/password |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_BANGO | The specified Bango Number is invalid |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_ACCESSMODEL | The specified access model is invalid or not supported |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| ACCESSMODEL_DENIED | The specified access model is not allowed |
| ACCESSMODEL_TIME_PERIOD_EXCEEDED | The specified time period exceeds the maximum supported time periods |
| ACCESSMODEL_TIME_PERIOD_LESS_THAN_MINIMUM | The specified time period is less than the minimum value supported |
| ACCESSMODEL_TIME_PERIOD_LESS_THAN_ONE | The specified time period is less than one |
| ACCESSMODEL_INITIAL_TIME_PERIOD_EXCEEDED | The specified initial time period exceeds the maximum supported time periods |
| ACCESSMODEL_INITIAL_TIME_PERIOD_LESS_THAN_MINIMUM | The specified initial time period is less than the minimum value supported |
| ACCESSMODEL_INITIAL_TIME_PERIOD | The specified initial time period is less than |

| | |
|--|---|
| LESS_THAN_ONE | one |
| ACCESSMODEL_EXCLUSION_PERIOD_EXCEEDED | The specified exclusion period exceeds the maximum supported time periods |
| ACCESSMODEL_EXCLUSION_PERIOD_LESS_THAN_MINIMUM | The specified exclusion period is less than the minimum value supported |
| ACCESSMODEL_EXCLUSION_PERIOD_LESS_THAN_ONE | The specified exclusion period is less than one |
| BANGO_NOT_PREMIUM_ENABLED | The specified Bango Number is not enabled for premium billing |

Notes

| | | | |
|---------------------------|--|---|--|
| Method: | UpdateAccessModelFree | | |
| Description: | Changes the access model for a Bango Number to free (non-premium). | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | bango | String [50] | ✓ The Bango Number to update to FREE (non-premium) model |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_BANGO | | The specified Bango Number is invalid |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_ACCESSMODEL | | The specified access model is invalid or not supported |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |
| | ACCESSMODEL_DENIED | | The specified access model is not allowed |
| BANGO_NOT_PREMIUM_ENABLED | | The specified Bango Number is not enabled for premium billing | |

Notes

Changing the access model to FREE will remove any pre-configured price points for this Bango Number and remove the facility to bill on this number.

Method:

UpdateRating

Description: Updates content rating and rating scheme for a specified Bango Number

Inputs:

| | | | |
|--------------|-------------|---|---|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| bango | String [50] | ✓ | The Bango Number to enable billing on |
| ratingScheme | String [20] | ✓ | The content rating scheme for this Bango Number. There are two possible options: GLOBAL USA See appendix for more details |
| rating | String [10] | ✓ | The specific content rating which applies to this scheme. The available rating is dependent on the ratingScheme which is being specified. The options are: For the GLOBAL scheme - UNIVERSAL RESTRICTED For the USA scheme- GENERAL RESTRICTED See appendix for more details |

Outputs:

| | | |
|-----------------|--------------|--|
| responseCode | String [50] | A response code indicating status of method call |
| responseMessage | String [255] | Textual description of request status |

Response Codes:

| | |
|------------------------|--|
| OK | Success |
| ACCESS_DENIED | Invalid username/password |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_BANGO | The specified Bango Number is invalid |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| INVALID_RATING_SCHEME | The specified content rating scheme is invalid |
| INVALID_RATING | The specified content rating is invalid |



Notes

Upon creation of a Bango Number, it will automatically default to an Adult rating for all rating schemes within the Bango system. This rating will affect the ability to bill for content depending on the user's parameters such as operator, age verification status, etc.

| | | | |
|-----------------|---|--------------|--|
| Method: | EnableCreditCardForBillingByBangoNumber | | |
| Description: | Specifically allow credit card payments for this Bango Number where credit card has previously been disabled. | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | bango | String [50] | ✓ The Bango Number to enable credit card payment method for billing on |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_BANGO | | The specified Bango Number is invalid |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |

Notes

By default, the Bango BillRank™ system will select the best payment method available to the user at the time of billing request. This may result in Credit Card being presented as an option where on-bill or PSMS methods are not currently available.

This method allows you to specifically enable the use of Credit Card as a payment method for the specified Bango Number where previously it has been disabled.

| | | | |
|-----------------|---|--------------|--|
| Method: | DisableCreditCardForBillingByBangoNumber | | |
| Description: | Specifically deny credit card payments for this Bango Number. | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | bango | String [50] | ✓ The Bango Number to disable credit card payment method for billing on |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_BANGO | | The specified Bango Number is invalid |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |

Notes

By default, the Bango BillRank™ system will select the best payment method available to the user at the time of billing request. This may result in Credit Card being presented as an option where on-bill or PSMS methods are not currently available.

This method allows you to specifically deny the use of Credit Card as a payment method for the specified Bango Number.

Method:

GetBangoNumber

Description: Gets details about a specific Bango Number, including access model, price points and rating

Inputs:

| | | | |
|----------|-------------|---|--|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| bango | String [50] | ✓ | The Bango Number to retrieve details for |

Outputs:

| | | |
|--------------------|--------------|---|
| responseCode | String [50] | A response code indicating status of method call |
| responseMessage | String [255] | Textual description of request status |
| name | String [100] | The name of the Bango Number |
| accessModel | String [15] | The access model of the Bango Number - the specified access models are: PERACCESS MULTIACCESS TIMED REPEAT FREE |
| numberOfAccesses | Integer | The number of accesses specified when number is set as MULTIACCESS access model |
| validTime | Integer | The period of access when number is set as TIMED or REPEAT access model |
| validTimeUnit | String [10] | The time unit specified in validTime. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |
| initialTime | Integer | The initial period when number is set as REPEAT access model and the initial period has been specified |
| initialTimeUnit | String [10] | The time unit specified in initialTime. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |
| initialTimeApplies | Boolean | Flag to specify whether the initialTime parameter should apply. If set to FALSE any values in the initialTime parameter can be ignored |
| exclusionPeriod | Integer | The exclusion period when number is |

| | | |
|---|-------------|---|
| | | set as REPEAT access model and the exclusion period has been specified |
| exclusionPeriodUnit | String [10] | The time unit specified in exclusionPeriod. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |
| exclusionPeriodApplies | Boolean | Flag to specify whether the exclusionPeriod parameter should apply. If set to FALSE any values in the exclusionPeriod parameter can be ignored. |
| /pricePoints/pricePoint/price | Decimal | The price point for the currency specified |
| /pricePoints/pricePoint/initialPrice | Decimal | The initial price for the currency specified if applicable |
| /pricePoints/pricePoint/initialPriceApplies | Boolean | A flag to indicate whether the initialPrice parameter should apply. If set to FALSE any values in the initialPrice parameter can be ignored. |
| /pricePoints/pricePoint/currencyIso | String [3] | The currency for this particular price point |
| /pricePoints/pricePoint/isBaseCurrency | Boolean | A flag to indicate whether this particular price point and currency is the default currency set for this Bango Number |
| /contentRatings/contentRating/ratingScheme | String [20] | The content rating scheme for this Bango Number |
| /contentRatings/contentRating/rating | String [10] | The content rating for the particular scheme specified |
| categoryId | Integer | The specific category ID mapping related to available application categories (see appendix) |
| applicationSize | String [10] | The size of the application specified in KB |

Response Codes:

| | |
|------------------------|--|
| OK | Success |
| ACCESS_DENIED | Invalid username/password |
| ACCESS_DENIED | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | Request not over SSL |
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_BANGO | The specified Bango Number is invalid |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] exceeds |

| | |
|-------------------|----------------------------------|
| | maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |

Notes

There will be multiple elements output for the price points and ratings for a single Bango Number to encapsulate different currencies and price points, and multiple rating schemes.

The returned category ID matches the id value supplied for a specific category used to describe the type/genre of an application – more details can be found on category mappings in the table supplied in the appendix.

Method:

GetBangoNumbers

Description: Gets details about all Bango Numbers, including access model, price points and rating, associated with the passed Package ID

Inputs:

| | | | |
|-----------|-------------|---|---|
| username | String [50] | ✓ | Authentication Details Username |
| password | String [50] | ✓ | Authentication Details Password |
| packageId | Integer | ✓ | The unique identifier for the package on the Bango system |

Outputs:

| | | |
|--|--------------|---|
| responseCode | String [50] | A response code indicating status of method call |
| responseMessage | String [255] | Textual description of request status |
| /bangoNumbers/bangoNumber/ bango | String [50] | The Bango Number |
| /bangoNumbers/bangoNumber/ name | String [100] | The name of the Bango Number |
| /bangoNumbers/bangoNumber/ accessModel | String [15] | The access model of the Bango Number - the specified access models are: PERACCESS MULTIACCESS TIMED REPEAT FREE |
| /bangoNumbers/bangoNumber/ numberOfAccesses | Integer | The number of accesses specified when number is set as MULTIACCESS access model |
| /bangoNumbers/bangoNumber/ validTime | Integer | The period of access when number is set as TIMED or REPEAT access model |
| /bangoNumbers/bangoNumber/ validTimeUnit | String [10] | The time unit specified in validTime. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |
| /bangoNumbers/bangoNumber/ initialTime | Integer | The initial period when number is set as REPEAT access model and the initial period has been specified |
| /bangoNumbers/bangoNumber/ initialTimeUnit | String [10] | The time unit specified in initialTime. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |

| | | | |
|---------------|---|-------------|---|
| | /bangoNumbers/bangoNumber/ initialTimeApplies | Boolean | Flag to specify whether the initialTime parameter should apply. If set to FALSE any values in the initialTime parameter can be ignored |
| | /bangoNumbers/bangoNumber/ exclusionPeriod | Integer | The exclusion period when number is set as REPEAT access model and the exclusion period has been specified |
| | /bangoNumbers/bangoNumber/ exclusionPeriodUnit | String [10] | The time unit specified in exclusionPeriod. The specified time units are: MINUTE HOUR DAY WEEK MONTH QUARTER YEAR |
| | /bangoNumbers/bangoNumber/ exclusionPeriodApplies | Boolean | Flag to specify whether the exclusionPeriod parameter should apply. If set to FALSE any values in the exclusionPeriod parameter can be ignored. |
| | /bangoNumbers/bangoNumber/ /pricePoints/pricePoint/price | Decimal | The price point for the currency specified |
| | /bangoNumbers/bangoNumber/ /pricePoints/pricePoint/initialPrice | Decimal | The initial price for the currency specified if applicable |
| | /bangoNumbers/bangoNumber/ /pricePoints/pricePoint/ initialPriceApplies | Boolean | A flag to indicate whether the initialPrice parameter should apply. If set to FALSE any values in the initialPrice parameter can be ignored. |
| | /bangoNumbers/bangoNumber/ /pricePoints/pricePoint/ currencyIso | String [3] | The currency for this particular price point |
| | /bangoNumbers/bangoNumber/ /pricePoints/pricePoint/ isBaseCurrency | Boolean | A flag to indicate whether this particular price point and currency is the default currency set for this Bango Number |
| | /bangoNumbers/bangoNumber/ /contentRatings/contentRating/ ratingScheme | String [20] | The content rating scheme for this Bango Number |
| | /bangoNumbers/bangoNumber/ /contentRatings/contentRating/ rating | String [10] | The content rating for the particular scheme specified |
| | /bangoNumbers/bangoNumber/ categoryId | Integer | The specific category ID mapping related to available application categories (see appendix) |
| | /bangoNumbers/bangoNumber/ applicationSize | String [10] | The size of the application specified in KB |
| | Response Codes: | OK | |
| ACCESS_DENIED | | | Invalid username/password |
| ACCESS_DENIED | | | Invalid credentials. You are not authorized to call this method |
| ACCESS_DENIED | | | Request not over SSL |

| | |
|------------------------|--|
| ACCESS_DENIED | Invalid client IP address |
| SERVICE_UNAVAILABLE | The service is currently unavailable and your request could not be processed |
| INTERNAL_ERROR | A problem on the server meant that the request could not be processed |
| INVALID_PACKAGEID | The specified Package ID is invalid |
| INVALID_PACKAGE_STATUS | The package is not licensed |
| INVALID_STRING_LENGTH | Parameter [PARAMNAME] exceeds maximum string length |
| INVALID_PARAMETER | Parameter [PARAMNAME] is invalid |
| NO_BANGO_NUMBERS | There are no Bango Numbers associated with the supplied Package ID |

Notes

There will be multiple elements output for the price points and ratings for a single Bango Number to encapsulate different currencies and price points, and multiple rating schemes.

The returned category ID matches the id value supplied for a specific category used to describe the type/genre of an application – more details can be found on category mappings in the table supplied in the appendix.

Multiple Bango Numbers will be encapsulated within a root element of BangoNumbers, with specific number details encapsulated within an element BangoNumber.

| | | | |
|-------------------|--|----------------------------------|---|
| Method: | UpdateBangoNumber | | |
| Description: | Update the title of an existing Bango Number | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | bango | String [50] | ✓ The Bango Number to update |
| | name | String [100] | ✓ The updated name of the Bango Number |
| | categoryId | Integer | ✓ The specific category ID mapping related to available application categories (see appendix) |
| | applicationSize | String [10] | ✓ The size of the application specified in KB |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_BANGO | | The specified Bango Number is invalid |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] exceeds maximum string length |
| INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid | |

Notes

| | | | |
|-----------------|--|--------------|--|
| Method: | DeleteBangoNumber | | |
| Description: | Deletes specified Bango Number, including access model, price points and rating, along with any carrier specific configuration | | |
| Inputs: | username | String [50] | ✓ Authentication Details Username |
| | password | String [50] | ✓ Authentication Details Password |
| | bango | String [50] | ✓ The Bango Number to delete |
| Outputs: | responseCode | String [50] | A response code indicating status of method call |
| | responseMessage | String [255] | Textual description of request status |
| Response Codes: | OK | | Success |
| | ACCESS_DENIED | | Invalid username/password |
| | ACCESS_DENIED | | Invalid credentials. You are not authorized to call this method |
| | ACCESS_DENIED | | Request not over SSL |
| | ACCESS_DENIED | | Invalid client IP address |
| | SERVICE_UNAVAILABLE | | The service is currently unavailable and your request could not be processed |
| | INTERNAL_ERROR | | A problem on the server meant that the request could not be processed |
| | INVALID_BANGO | | The specified Bango Number is invalid |
| | INVALID_PACKAGEID | | The specified Package ID is invalid |
| | INVALID_PACKAGE_STATUS | | The package is not licensed |
| | INVALID_STRING_LENGTH | | Parameter [PARAMNAME] exceeds maximum string length |
| | INVALID_PARAMETER | | Parameter [PARAMNAME] is invalid |

Notes

Removal of a Bango Number will result in removal of any pre-configured price points, ratings and configuration. Analytics information regarding this Number will no longer be available going forward. You will be unable to recreate this Bango Number again once deleted.

Appendix

Currency ISO's supported and maximum price points

The table below lists the currency ISO codes currently supported for setting price points:

| currencyIso | currencyName |
|--------------------|---------------------|
| AUD | Australian dollars |
| CAD | Canadian dollars |
| CHF | Swiss Francs |
| COP | Colombian Pesos |
| DKK | Danish krone |
| EGP | Egyptian pound |
| EUR | Euros |
| GBP | Pounds sterling |
| IDR | Indonesian Rupiah |
| MXN | Mexican Pesos |
| MYR | Malaysian ringgits |
| NOK | Norwegian krone |
| NZD | New Zealand dollars |
| PHP | Philippine Peso |
| QAR | Qatar riyal |
| SEK | Swedish Kronor |
| SGD | Singapore dollars |
| THB | Thai baht |
| USD | US dollars |
| ZAR | South African rand |

Set your pricing:

| Currency | Max. price you can set | Content price |
|---------------------|------------------------|---|
| Pounds sterling | £20.00 | £ <input type="text" value="0"/> , <input type="text" value="00"/> |
| US dollars | \$30.00 | \$ <input type="text" value="0"/> , <input type="text" value="00"/> |
| Euros | 25,00 EUR | <input type="text" value="0"/> , <input type="text" value="00"/> EUR |
| Danish krone | kr110,00 DKK | kr <input type="text" value="0"/> , <input type="text" value="00"/> DKK |
| Norwegian krone | kr112,00 NOK | kr <input type="text" value="0"/> , <input type="text" value="00"/> NOK |
| Swedish Kronor | 140,00 Kr SEK | <input type="text" value="0"/> , <input type="text" value="00"/> Kr SEK |
| Malaysian ringgits | R65,00 | R <input type="text" value="0"/> , <input type="text" value="00"/> |
| Swiss Francs | 20.00 CHF | <input type="text" value="0"/> . <input type="text" value="00"/> CHF |
| Australian dollars | \$25.00 AUD | \$ <input type="text" value="0"/> . <input type="text" value="00"/> AUD |
| Singapore dollars | S\$30.00 | S\$ <input type="text" value="0"/> . <input type="text" value="00"/> |
| Thai baht | 680.00 Baht | <input type="text" value="0"/> . <input type="text" value="00"/> Baht |
| South African rand | R 150.00 | R <input type="text" value="0"/> . <input type="text" value="00"/> |
| Canadian dollars | \$30.00 | \$ <input type="text" value="0"/> , <input type="text" value="00"/> |
| New Zealand dollars | \$20.00NZD | \$ <input type="text" value="0"/> , <input type="text" value="00"/> NZD |
| Indonesian Rupiah | Rp.20000.00 | Rp. <input type="text" value="0"/> . <input type="text" value="00"/> |
| Colombian Pesos | COL\$18435.00 | COL\$ <input type="text" value="0"/> . <input type="text" value="00"/> |
| Mexican Pesos | \$420.00 | \$ <input type="text" value="0"/> . <input type="text" value="00"/> |
| Egyptian pound | 200.00LE | <input type="text" value="0"/> . <input type="text" value="00"/> LE |
| Qatar riyal | QR1820.00 | QR <input type="text" value="0"/> . <input type="text" value="00"/> |
| Philippine Peso | 1355.00PHP | <input type="text" value="0"/> . <input type="text" value="00"/> PHP |

The table above shows the default maximum price points for a package, but these can also be overridden by Bango on any package or group of packages. You should use the methods **GetMaximumPricePoint** or



GetMaximumPricePoints to discover what the maximum content price you can set for a specific Bango Number and currency ISO.

Country ISO's supported

The following table lists the currently supported country ISO's within the Bango system:

| | |
|-----|-----------------------------------|
| AFG | Afghanistan |
| ALA | Åland Islands |
| ALB | Albania |
| DZA | Algeria |
| ASM | American Samoa |
| AND | Andorra |
| AGO | Angola |
| AIA | Anguilla |
| ATA | Antarctica |
| ATG | Antigua and Barbuda |
| ARG | Argentina |
| ARM | Armenia |
| ABW | Aruba |
| AUS | Australia |
| AUT | Austria |
| AZE | Azerbaijan |
| BHS | Bahamas |
| BHR | Bahrain |
| BGD | Bangladesh |
| BRB | Barbados |
| BLR | Belarus |
| BEL | Belgium |
| BLZ | Belize |
| BEN | Benin |
| BMU | Bermuda |
| BTN | Bhutan |
| BOL | Bolivia |
| BES | Bonaire, Saint Eustatius and Saba |
| BIH | Bosnia and Herzegovina |
| BWA | Botswana |
| BVT | Bouvet Island |
| BRA | Brazil |
| IOT | British Indian Ocean Territory |
| BRN | Brunei Darussalam |
| BGR | Bulgaria |
| BFA | Burkina Faso |
| BDI | Burundi |
| KHM | Cambodia |
| CMR | Cameroon |
| CAN | Canada |
| CPV | Cape Verde |
| CYM | Cayman Islands |
| CAF | Central African Republic |
| TCD | Chad |
| CHL | Chile |
| CHN | China |
| CXR | Christmas Island |
| CCK | Cocos (Keeling) Islands |
| COL | Colombia |
| COM | Comoros |
| COG | Congo |
| COD | Congo, Democratic Republic |
| COK | Cook Islands |
| CRI | Costa Rica |
| CIV | Côte d'Ivoire |
| HRV | Croatia |
| CUB | Cuba |
| CUW | Curaçao |
| CYP | Cyprus |
| CZE | Czech Republic |
| DNK | Denmark |

| | |
|-----|--------------------------------|
| DJI | Djibouti |
| DMA | Dominica |
| DOM | Dominican Republic |
| ECU | Ecuador |
| EGY | Egypt |
| SLV | El Salvador |
| GNQ | Equatorial Guinea |
| ERI | Eritrea |
| EST | Estonia |
| ETH | Ethiopia |
| FLK | Falkland Islands (Malvinas) |
| FRO | Faroe Islands |
| FJI | Fiji |
| FIN | Finland |
| FRA | France |
| GUF | French Guiana |
| PYF | French Polynesia |
| ATF | French Southern Territories |
| GAB | Gabon |
| GMB | Gambia |
| GEO | Georgia |
| DEU | Germany |
| GHA | Ghana |
| GIB | Gibraltar |
| GRC | Greece |
| GRL | Greenland |
| GRD | Grenada |
| GLP | Guadeloupe |
| GUM | Guam |
| GTM | Guatemala |
| GGY | Guernsey |
| GIN | Guinea |
| GNB | Guinea-Bissau |
| GUY | Guyana |
| HTI | Haiti |
| HMD | Heard and McDonald Islands |
| VAT | Holy See (Vatican City State) |
| HND | Honduras |
| HKG | Hong Kong |
| HUN | Hungary |
| ISL | Iceland |
| IND | India |
| IDN | Indonesia |
| IRN | Iran, Islamic Republic of |
| IRQ | Iraq |
| IRL | Ireland |
| IMN | Isle of Man |
| ISR | Israel |
| ITA | Italy |
| JAM | Jamaica |
| JPN | Japan |
| JEY | Jersey |
| JOR | Jordan |
| KAZ | Kazakhstan |
| KEN | Kenya |
| KIR | Kiribati |
| PRK | Korea, Democratic People's Rep |
| KOR | Korea, Republic of |
| KOS | Kosovo |
| KWT | Kuwait |
| KGZ | Kyrgyzstan |
| LAO | Lao People's Democratic Rep |
| LVA | Latvia |
| LBN | Lebanon |
| LSO | Lesotho |
| LBR | Liberia |
| LBY | Libyan Arab Jamahiriya |
| LIE | Liechtenstein |

| | |
|-----|----------------------------------|
| LTU | Lithuania |
| LUX | Luxembourg |
| MAC | Macao |
| MKD | Macedonia, Former Yugoslav Rep |
| MDG | Madagascar |
| MWI | Malawi |
| MYS | Malaysia |
| MDV | Maldives |
| MLI | Mali |
| MLT | Malta |
| MHL | Marshall Islands |
| MTQ | Martinique |
| MRT | Mauritania |
| MUS | Mauritius |
| MYT | Mayotte |
| MEX | Mexico |
| FSM | Micronesia, Federated States of |
| MDA | Moldova, Republic of |
| MCO | Monaco |
| MNG | Mongolia |
| MNE | Montenegro |
| MSR | Montserrat |
| MAR | Morocco |
| MOZ | Mozambique |
| MMR | Myanmar |
| NAM | Namibia |
| NRU | Nauru |
| NPL | Nepal |
| NLD | Netherlands |
| NCL | New Caledonia |
| NZL | New Zealand |
| NIC | Nicaragua |
| NER | Niger |
| NGA | Nigeria |
| NIU | Niue |
| NFK | Norfolk Island |
| MNP | Northern Mariana Islands |
| NOR | Norway |
| OMN | Oman |
| PAK | Pakistan |
| PLW | Palau |
| PSE | Palestinian Territory, Occupied |
| PAN | Panama |
| PNG | Papua New Guinea |
| PRY | Paraguay |
| PER | Peru |
| PHL | Philippines |
| PCN | Pitcairn |
| POL | Poland |
| PRT | Portugal |
| PRI | Puerto Rico |
| QAT | Qatar |
| REU | Réunion |
| ROU | Romania |
| RUS | Russian Federation |
| RWA | Rwanda |
| BLM | Saint Barthélemy |
| SHN | Saint Helena |
| KNA | Saint Kitts and Nevis |
| LCA | Saint Lucia |
| MAF | Saint Martin |
| SPM | Saint Pierre and Miquelon |
| VCT | Saint Vincent and the Grenadines |
| WSM | Samoa |
| SMR | San Marino |
| STP | Sao Tome and Principe |
| SAU | Saudi Arabia |
| SEN | Senegal |

| | |
|-----|--|
| SRB | Serbia |
| SCG | Serbia and Montenegro |
| SYC | Seychelles |
| SLE | Sierra Leone |
| SGP | Singapore |
| SXM | Sint Maarten (Dutch part) |
| SVK | Slovakia |
| SVN | Slovenia |
| SLB | Solomon Islands |
| SOM | Somalia |
| ZAF | South Africa |
| SGS | South Georgia and the South Sandwich Islands |
| SSD | South Sudan |
| ESP | Spain |
| LKA | Sri Lanka |
| SDN | Sudan |
| SUR | Suriname |
| SJM | Svalbard and Jan Mayen |
| SWZ | Swaziland |
| SWE | Sweden |
| CHE | Switzerland |
| SYR | Syrian Arab Republic |
| TWN | Taiwan, Province of China |
| TJK | Tajikistan |
| TZA | Tanzania, United Republic of |
| THA | Thailand |
| TLS | Timor-Leste |
| TGO | Togo |
| TKL | Tokelau |
| TON | Tonga |
| TTO | Trinidad and Tobago |
| TUN | Tunisia |
| TUR | Turkey |
| TKM | Turkmenistan |
| TCA | Turks and Caicos Islands |
| TUV | Tuvalu |
| UGA | Uganda |
| UKR | Ukraine |
| ARE | United Arab Emirates |
| GBR | United Kingdom |
| USA | United States |
| UMI | United States Minor Outlying Islands |
| URY | Uruguay |
| UZB | Uzbekistan |
| VUT | Vanuatu |
| VEN | Venezuela, Bolivarian Republic of |
| VNM | Vietnam |
| VGB | Virgin Islands, British |
| VIR | Virgin Islands, U.S. |
| WLF | Wallis and Futuna |
| ESH | Western Sahara |
| YEM | Yemen |
| ZMB | Zambia |
| ZWE | Zimbabwe |



Access models and parameters

The methods within these services support 5 access models. These are:

- PERACCESS** - Per Access payment model
- MULTIACCESS** - Multi Access payment model
- TIMED** - Timed payment model
- REPEAT** - Repeat (managed subscription) payment model
- FREE** - No billing is enabled for this Bango Number

Per Access model:

The per access model allows a customer to specify a billing action is to be processed each time an "access" is specified against a Bango Number.

When per access is specified, the only other required parameter is price.

To specify usage of a Per Access model, you should use the `MakePremiumPerAccess` and `UpdateAccessModelPerAccess` methods.

Multi Access model:

The multi access model allows a customer to specify multiple accesses per end user to content after a successful billing action before another billing action is requested; with a decrementing counter used each time a request is made by an end user. Once the `numberOfAccesses` value has been exceeded, a billing action will again be processed. If a billing request is made whilst there are remaining accesses on the end user's counter, no billing request will be made.

When multi access is specified, you must specify the `numberOfAccesses` and price parameters.

If the `numberOfAccesses` parameter is set to 1, the model will automatically revert to Per Access.

To specify usage of a Multi Access model, you should use the `MakePremiumMultiAccess` and `UpdateAccessModelMultiAccess` methods.

Timed model:

The timed access model allows a customer to specify a period (in minutes) per end user after a successful billing action before another billing action is requested. If a request is made within the specified period, no billing request will be made.

When timed access is specified, you must specify the `validTime` and price parameters.

To specify usage of a Timed Access model, you should use the `MakePremiumTimed` and `UpdateAccessModelTimed` methods.

Repeat model:

The repeat access model allows customers to instantiate managed subscription services utilising the Bango Safe Subscriptions system.



When repeat access is specified, you are required to specify the validTime and price parameters, and a number of parameters can be (optionally) passed, however you must set the applicable flags to ensure values passed in parameters are used.

A validTime parameter is always required, and dictates the renewal frequency of the subscription once renewals are outside of an initial period (if specified).

An initialTime parameter is optional, and can be used when allowing such things as introductory offers which last a period which is different to the normal subscription renewal period (such as allowing 2 weeks offer before reverting to a monthly subscription). If you wish to use the initialTime parameter, you must set the initialTimeApplies parameter to TRUE for the value to be used.

An exclusionPeriod parameter is optional, and can be used to enforce a period whereby once a subscription is cancelled it cannot be restarted and benefit for any introductory offers which may be in force. If you wish to use the exclusionPeriod parameter, you must set the exclusionPeriodApplies parameter to TRUE for the value to be used.

An initial price is optional, and can be set either independently or in conjunction with an initial period to offer introductory offers such as a reduced rate for 2 weeks on a normal subscription (for example, pay \$2 for 2 weeks and then \$10 per month after the initial period). If you wish to use the initialPrice parameter, you must set the initialPriceApplies parameter to TRUE for the value to be used.

To specify usage of a Repeat Access model, you should use the MakePremiumRepeat and UpdateAccessModelRepeat methods.

The currencyIso parameter is required in all cases as it specifies the currency this price point should be billed in – this currency can be any of the supported currencies, however, it will become the default currency used for pricing and billing for that Bango Number (including any required currency conversions where a discreet price point for another currency has not been specified).

Free model:

No billing is enabled for this Bango Number.

Parameters used in access models are summarised in the table below:

| Parameters | ACCESS MODEL | | | |
|-------------------------------|--------------|-------------|-------------|-------------|
| | PERACCESS | MULTIACCESS | TIMED | REPEAT |
| bango | REQUIRED | REQUIRED | REQUIRED | REQUIRED |
| accessModel | REQUIRED | REQUIRED | REQUIRED | REQUIRED |
| numberOfAccesses | NOT REQUIRED | REQUIRED | NOTREQUIRED | NOTREQUIRED |
| validTime | NOTREQUIRED | NOTREQUIRED | REQUIRED | REQUIRED |
| initialTime | NOTREQUIRED | NOTREQUIRED | NOTREQUIRED | OPTIONAL |
| initialTimeApplies | NOTREQUIRED | NOTREQUIRED | NOTREQUIRED | OPTIONAL |
| exclusionPeriod | NOTREQUIRED | NOTREQUIRED | NOTREQUIRED | OPTIONAL |
| exclusionPeriodApplies | NOTREQUIRED | NOTREQUIRED | NOTREQUIRED | OPTIONAL |
| price | REQUIRED | REQUIRED | REQUIRED | REQUIRED |
| initialPrice | NOTREQUIRED | NOTREQUIRED | NOTREQUIRED | OPTIONAL |
| initialPriceApplies | NOTREQUIRED | NOTREQUIRED | NOTREQUIRED | OPTIONAL |
| currencyIso | REQUIRED | REQUIRED | REQUIRED | REQUIRED |



Content ratings

To specify content ratings, it is necessary to supply a rating scheme and a specific content rating for that scheme.

Bango currently supports two rating schemes: Global and USA. Within these rating schemes, there is the option to specify a specific content rating which controls access to the use of the Bango Number for billing depending on factors such as the user's location, operator and age verification status.

For access by customers in the USA, the **USA** rating scheme should be specified.

Within the **USA** rating scheme, you can rate content as either **GENERAL** or **RESTRICTED**.

GENERAL content or pages must be acceptable to a general audience of all ages. Use this setting only if your content does not contain sex or drug references, nudity or sexual references, violence or gambling.

RESTRICTED content or pages may be potentially unsuitable for minors. If your content contains sex or drug references, nudity or sexual references, violence or gambling then use this setting.

For access by customers in "Rest of World", the **GLOBAL** rating scheme should be specified.

Within the **GLOBAL** rating scheme, you can rate content either as **UNIVERSAL** or **RESTRICTED**.

UNIVERSAL content must be acceptable to a universal audience of all ages. Use this setting only if your content does not contain sex or drug references, full-frontal nudity, violence or gambling. Topless glamour (swimsuit) content is permitted.

RESTRICTED content or pages may be potentially unsuitable for minors. If your content contains sex or drug references, full-frontal nudity or explicit sexual references, violence or gambling then use this setting.

Whilst the rating schemes are exclusive, both schemes should be updated as appropriate. Due to tighter restrictions within the USA rating scheme, it is possible to rate content globally as **UNIVERSAL**, but have that content remain rated as **RESTRICTED** for the USA.



Category IDs

When creating a new Bango Number, carriers often require further specific configuration settings such as the type of product, the category or genre, or some other description which may be used within their internal systems or for display on an end user's bill when purchasing content.

The following table documents the currently supported category ids within the Bango system.

When a new Number is created using the CreateBangoNumber method, it should also pass one of the supported category IDs. We then use this ID to lookup the value, or the parent value to determine the necessary descriptor to apply on a per-carrier basis.

Should a category be passed which does not exist in the table below, we will still be able to assign the category ID, however, we will revert to the Bango system defaults to determine the values passed to each carrier on subsequent purchases.

| Category ID | Category Name/Description | Parent ID |
|-------------|---------------------------|-----------|
| 1 | Games | 0 |
| 18 | Cards | 1 |
| 20 | Sports | 1 |
| 21 | Board Games | 1 |
| 94 | Combat | 1 |
| 95 | Movie & TV Themes | 1 |
| 96 | Space | 1 |
| 97 | Strategy | 1 |
| 99 | Puzzles | 1 |
| 113 | Action | 1 |
| 114 | Arcade | 1 |
| 2 | Utilities | 0 |
| 23 | Clocks | 2 |
| 27 | Voice Dictation | 2 |
| 44 | Phone Services | 2 |
| 56 | Utilities | 2 |
| 63 | Calculators | 2 |
| 4 | Maps & Navigation | 0 |
| 49 | Local Search | 4 |
| 84 | Maps & Navigation | 4 |
| 7 | Entertainment | 0 |
| 33 | Personalize | 7 |
| 34 | Gadgets | 7 |
| 35 | Food & Drink | 7 |
| 36 | Restaurant Guides | 7 |
| 50 | Tickets & Events | 7 |
| 8 | Music & Audio | 0 |
| 59 | MP3 & Media Players | 8 |
| 60 | Music Services | 8 |
| 9 | News | 0 |
| 43 | News & Information | 9 |
| 48 | Magazines | 9 |

| | | |
|-----|------------------------|----|
| 10 | Finance | 0 |
| 64 | Financial Services | 10 |
| 69 | Expense Tracking | 10 |
| 70 | Stocks & Investment | 10 |
| 71 | Personal Banking | 10 |
| 73 | Accounting | 10 |
| 12 | Business | 0 |
| 72 | Time Tracking | 12 |
| 74 | Business Tools | 12 |
| 75 | Data Collection | 12 |
| 79 | Sales & Service | 12 |
| 100 | Real Estate | 12 |
| 13 | Reference & eBooks | 0 |
| 38 | References | 13 |
| 39 | eBooks | 13 |
| 55 | Dictionaries | 13 |
| 68 | Religion | 13 |
| 77 | Law | 13 |
| 86 | Medical | 13 |
| 87 | Textbooks | 13 |
| 15 | Sports & Recreation | 0 |
| 53 | News & Scores | 15 |
| 58 | Other Sports | 15 |
| 88 | Golf | 15 |
| 89 | Football & Soccer | 15 |
| 90 | Baseball | 15 |
| 91 | Outdoor Recreation | 15 |
| 16 | Travel | 0 |
| 54 | Translation | 16 |
| 80 | Guides | 16 |
| 82 | Planning | 16 |
| 40 | Photo & Video | 0 |
| 41 | Video & TV | 40 |
| 42 | Photography | 40 |
| 47 | Sharing | 40 |
| 45 | Shopping | 0 |
| 46 | Shopping Tools | 45 |
| 101 | Online Shopping | 45 |
| 51 | IM & Social Networking | 0 |
| 52 | Blogs | 51 |
| 57 | Social Networking | 51 |
| 81 | Instant Messaging | 51 |
| 61 | Health & Wellness | 0 |
| 62 | Healthcare Services | 61 |
| 78 | Medical Guides | 61 |
| 92 | Health & Diet | 61 |
| 93 | Fitness | 61 |
| 65 | Productivity | 0 |
| 66 | Organization | 65 |

| | | |
|-------|----------------|-----|
| 67 | Productivity | 65 |
| 76 | Document Tools | 65 |
| 83 | Search | 65 |
| 85 | Weather | 0 |
| 102 | Test Center | 0 |
| 103 | Themes | 0 |
| 104 | Movies & TV | 103 |
| 106 | People | 103 |
| 107 | Sports Themes | 103 |
| 108 | Nature | 103 |
| 109 | Abstract | 103 |
| 110 | Holiday | 103 |
| 111 | Technology | 103 |
| 112 | Transportation | 103 |
| 115 | Education | 0 |
| 10000 | Music | 0 |
| 20000 | Video | 0 |