



**RESELLONE.NET**

# **ResellOne.net Provisioning System Website Builder API Specification**

March 2006

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# Introduction

## Overview

Website Builder is a service category that provisions access to a tool for creating websites. The tool's URLs are masked to the Reseller, and users' websites continue to be Reseller hosted. The tool contains over 10,000 professional templates, and provides wizards for creating and customizing website content.

This document describes the TPP API commands available to Resellers for provisioning and maintaining the Website Builder tool to their customers.

## Required reading

Please read the generic TPP Specification before attempting to execute any of the commands described in this document. The generic TPP Specification can be found on the Documentation page in the *Reseller Resource Centre*; you'll need to log-in to the Reseller Resource Centre in order to access this page.

## TPP compatibility

The Website API commands are compatible with TPP version 1.3.0. Earlier versions of the TPP will not be supported with Website Builder.

# Website Builder Objects

## Brands

Before any of your customers can purchase an account and use the Website Builder tool, you must create at least one Brand, as each account must be associated with a Brand.

A Brand is the Reseller-branded, front-end of the Website Builder tool. The Brand is what your customers see when they're creating their website. You can create multiple brands according to your business model. For example, if you operate several subsidiary companies (e.g. Dedicated Hosting, Managed Hosting, Co-located Hosting, etc.), you can create a Brand for each subsidiary.

### Brand URL and DNS Settings

You must create a URL for each Brand, and that URL must be used solely for access to the Website Builder tool. In most cases, it is best to use a subdomain for the Brand URL, such as **builder.reseller.com**.

The subdomain that you create must have a DNS pointer that directs the Brand URL to the Website Builder engine. Use the following CNAME for the DNS pointer:

**CNAME** `wsbuildingtool.com`

**Note:** If your Brand URL is unique – i.e. there are no other Website Builder Brands using the same URL – you can use your Brand URL as the login URL for your implementation of the tool. If your Brand URL is not unique, you must include the Brand Code in the login URL for each of your Brands. You can retrieve the Brand Code using the **Edit** link on the **Manage Reseller Branding** page in the RWI 2.

### Brand Customization

To customize your Brand's appearance, it is recommended that you use the Brand Administration Interface accessible from the RWI 2. Please see the *Website Builder RWI 2 User Guide*, available from the *Reseller Resource Centre*.

You can also log-in to the Brand Administration Interface using `www.wsbadmin.com`. The login profile is the Brand username and password that you specified when you created the Brand.

Once you've created the Brand, customized the Brand's appearance, and updated the DNS settings for the Brand URL, that URL will take your customers to the Website Builder tool with your branding on the front-end. See also [Create Website Builder Brand](#).

## Accounts

An account provides your customers access to the Website Builder tool. Each account must be associated with one of your Brands.

Accounts are billed monthly, according to the package purchased for that account. There is also a one-time, initial fee for new accounts.

See also Order Website Builder Account.

## Packages

When you purchase a Website Builder account, you must specify the package that will be used to build the website. Each package includes different features and design templates; see below for a brief description of each package.

**Business Card (buscard)** – A basic, one-page package for customers in need of a small website.

**Starter Website (starterweb)** – A simple three-page package that includes personal templates, a photo album and more.

**Personal Website (personal)** – For individuals seeking a more established presence. Features include a site creation wizard, image editor, photo album and resume builder.

**Small Business Website (smallbus)** – Includes a newsletter module, custom form creator, Flash animation editor, maps, driving directions and all the features of a personal website.

**Ecommerce Website (ecomm)** – For individuals or companies that want to build an online storefront. The e-commerce wizard allows users to set up a store and integrate with many industry standard payment gateways.

## Package Comparison

Key Features	Business Card	Starter Website	Personal	Small Business	Ecommerce
Maximum # of pages	1	3	10	30	70
Shopping cart/product catalog					✓
Forms wizard				✓	✓
Newsletter module				✓	✓
Flash animation wizard				✓	✓
Image editor			✓	✓	✓
Search engine optimization tool			✓	✓	✓

Navigation manager		✓	✓	✓	✓
Logos and banners	✓	✓	✓	✓	✓
Site creation wizard	✓	✓	✓	✓	✓
WYSIWYG HTML editor	✓	✓	✓	✓	✓
Site plug-ins: Google search box, hit counters, weather, news, more	None	None	Some	Yes	Yes

# Implementation Scenarios

There are two ways that a reseller can implement this solution: Retail Site integration or Hosting Panel Integration.

## Retail Site Integration

- Reseller can charge extra for this tool, and sell it in combination or independent of a hosting package.
- User logs in through the Reseller's retail site to access the Website Builder.
- Reseller is not concerned with managing access to the tool centrally; instead, the user is responsible for their own access and profile.

## Test Drives and Trials

On a retail site, you want to ensure that you reduce the barriers to user adoption. The Website Builder tool allows you to integrate two different selling methods to your site: test drives and trials.

The Test Drive is a quick view of the tool's features and will be branded to your Brand choice. Inside the Brand Administration Interface you can, by clicking the **Embed Links** area, get the code required to create a **Test Drive** button on your website. This gives users a quick view of the environment without having to sign up.

Trials allow the user to sign up for an account, but not publish to the hosting environment. Be sure to enable the messaging to remind trial users to go live at the end of the 30-day trial. See the *Website Builder RWI 2 User Guide* for more information on messaging.

## Messaging

All messaging for this service can be enabled or disabled. If you have chosen to sell off of a retail site, enabling these messages would be a good idea. It is especially important to activate the "Trial Expiring" message as it will remind your users that their trial is expiring, and that they should sign up with you before they lose the work they have done during their trial.

## Username, Passwords, and Lost Passwords

When your customer signs up for the service, they will be sent a message with a link to your Brand URL, and their username and password to access your Brand URL.

There is a setting in the Brand Administration Interface that allows you to disable the ability for an end user to change their password. In a retail setting it is advised that you keep this enabled. Please note that if you have allowed the password to be changed, you should review the "Lost Password Email" in the Brand Administration Interface. Password management, in this case, is authoritative at the Website Builder Engine.

## Control Panel Links

You are able to add two links to the "Account Management" portion of the control panel presented to your end users. It is advised that you create two links similar to the following:

**Compare packages** – This will allow users to know if they'd like to upgrade their package to a higher priced one (use the Feature Comparison listed above).

**Upgrade or Go live** – Use this link to send them to your retail site to expedite upgrading or a new account. If you do not wish to automate this process, use the link to send you a request to upgrade/go live.

## Helping Your Users

Through the Brand Administration Interface, you will be able to view the customers that have been enabled on your Brand, and also login with their credentials. If your end user is having problems with the tool itself, you can always jump in and see what they are seeing.

## Hosting Panel Integration

- Reseller provides access to a Website Builder account as a seamless aspect of their hosting panel.
- The end user is logged-in and their account is activated through the Reseller's hosting control panel.
- The end user has no idea that they have explicitly activated a Website Builder account.

## Account Activation

When your customer enables their hosting account with you, or clicks a Website Builder account link, their Website Builder account is also activated; Website Builder account activation is an invisible process to them.

When you create and process an order, you also pass the user's existing username and password. This user will then be immediately created on our system.

## Auto Logins from Your Hosting Control Panel

Automatically logging-in your users to the Website Builder from your hosting control panel is another way you can make Website Builder integration appear seamless to your users. When the user clicks the access point to the Website Builder from your hosting control panel, you can send an HTTP POST of the username and password so that the user will bypass the login fields.

## Messaging

All messages in this environment can be disabled. If you are automatically creating accounts and logging-in your users, they do not need to be told their account name or password. They also do not need to be warned of trials expiring as their accounts are automatically live.

Review the messaging to see if there are any messages that you'd like to receive or have sent to your users, but on the whole, none should be required. For example, you may want to be notified of account activation, but don't want this notice to be sent to your users.

## Changing Passwords and Sending Lost Passwords

From within the Brand Administration Interface, you can disable the ability for your user to change their password. Disabling the change-password capability will keep the automatic login from your application seamless and functional.

If you have an "update password" function in your hosting control panel, and you would like to sync this with your user's Website Builder account, you can use the update account API call to update the password without the user's intervention.

## Helping Your Users

Through the Brand Administration Interface, you will be able to view the customers that have been enabled on your Brand, and also login with their credentials. If your end user is having problems with the tool itself, you can always jump in and see what they are seeing.

# Common Contact Data

The Website Builder provisioning system uses contact data for customer relationship management, where one contact, **Owner**, is required.

See 'The Contact Object' in the TPP Specification document for the request parameters, response parameters, and examples of contact-related commands.

The following table identifies the required and optional fields for the Owner contact when submitting a "contact\_set". If the contact already exists, you can use the "contact\_id" parameter to identify the contact, rather than submitting the contact set.

	<b>Owner</b>
title	optional
first_name	optional
last_name	required
org_name	required
address 1	required
address 2	optional
address 3	optional
city	required
state	required
postal_code	required
country	required
phone	required
fax	optional
email	required
url	optional

# Standard Request and Response Elements

The following elements are common to most commands and will not be repeatedly defined with each command.

For more details, see the generic TPP Specification, available from the Reseller Resource Center.

The 'protocol' and 'version' are required for each request, and returned with each response.

- protocol => 'TPP'
- version => '1.3.0'

**Note:** The versions supported for Website Builder are TPP 1.3.0 and above; if you are using a version greater than 1.3.0, submit that version.

## Standard request elements

<b>requestor</b>	Parameter name:	requestor
	Type:	Associative array
	Obligation:	Required with each request
	Allowed value(s):	'username' attribute

<b>username</b>	Parameter name:	username
	Type:	String
	Description:	The reseller's username
	Obligation:	Required with each request
	Location:	Within the 'requestor' associative array
	Allowed value(s):	string

<b>client_reference</b>	Parameter name:	client_reference
	Type:	String
	Description:	Reseller-supplied reference id for correlation with reseller-based customer and data management systems.
	Obligation:	Optional
	Value(s):	Free text, maximum 64 characters.

<b>handling</b>	Parameter name:	handling
	Type:	String
	Description:	Allows you to save the order to pending, or to process the order immediately. Using 'process' avoids having to send a separate order-process command. Failed processing or validation will result in the order and order items (where possible) being saved.
	Obligation:	Optional
	Location:	Within the "attributes" associative array
	Allowed value(s):	Either 'save' or 'process'

<b>contacts</b>	Parameter name:	contacts
	Type:	Array of associative arrays
	Description:	The array of contacts to be used for this order. Both new and existing contacts can be specified here. The server will look for an "id" key. If it exists, this signals the reuse of an existing contact. Without the "id" key, the server will create a new contact with the given data.
	Obligation:	Required for 'create' and 'update' commands
	Location:	Within the 'attributes' associative array
	Allowed value(s):	ID of an existing contact or new contact data

<b>contact_id</b>	Parameter name:	contact_id
	Type:	Int
	Description:	The contact's unique ID
	Obligation:	Conditional: required if a new contact set is not specified
	Location:	Within 'attributes' associative array
	Allowed value(s):	Int, valid contact ID

<b>contact_set</b>	Parameter name:	contact_set
	Type:	Int
	Description:	Determines which contact to use, based on the contacts defined in the 'contacts' array in the 'attributes' associative array. For example, use '0' to specify that the first contact in the 'contacts' array be used.
	Obligation:	Required when 'contacts' array is submitted
	Location:	Within a 'create_items' or 'update_items' array

Allowed value(s):	Values of the contact types supplied (e.g. Admin) refer to array indexes in the contacts array in the attributes associative array. The array index numbering starts at 0 (zero).
-------------------	---

<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the order item; for Website Builder, the service is 'wsb'.
	Obligation:	Required
	Location:	Within the 'attributes' or 'create-items' array
	Allowed value(s):	'wsb'

## Standard response elements

The following elements are common to most responses and will not be repeatedly defined with each command.

<b>session_id</b>	Parameter name:	session_id
	Type:	String
	Description:	An ID assigned to the new session. Each time you execute a command in the provisioning system, a session ID is generated. The session ID can be used to prevent different users from overwriting each other's changes.
	Obligation:	Always returned
	Value(s):	string

<b>is_success</b>	Parameter name:	is_success
	Type:	Int
	Description:	This indicates if the operation was successful: 1 = successful, 0 = unsuccessful
	Obligation:	Always returned
	Value(s):	0 1

<b>client_reference</b>	Parameter name:	client_reference
	Type:	String
	Description:	The client's reference to the order, repeated back from the request
	Obligation:	Returned if submitted in the request
	Value(s):	Free text, maximum 64 characters

<b>response_code</b>	Parameter name:	response_code
	Type:	Int
	Description:	A number code that indicates either success or the type of error that occurred
	Obligation:	Always returned
	Value(s):	Valid error code number

<b>response_text</b>	Parameter name:	response_text
	Type:	String
	Description:	A message that either indicates success or provides an error description
	Obligation:	Always returned
	Value(s):	Error message

<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the order item; for Website Builder, the service is 'wsb'.
	Obligation:	Always returned
	Location:	Within 'product_item' associative array
	Allowed value(s):	'wsb'

<b>major_code</b>	Parameter name:	major_code
	Type:	Int
	Description:	The major result code of the order item's processing
	Location:	Within the 'product_item' associative array
	Value(s):	Int

<b>major_text</b>	Parameter name:	major_text
	Type:	String
	Description:	The major result code of the order item's processing
	Location:	Within the 'product_item' associative array
	Value(s):	String

<b>contacts</b>	Parameter name:	contacts
	Type:	Array of associative arrays
	Description:	The array of contacts to be used for this order. Both new and existing contacts can be specified here. The server will look for an "id" key. If it exists, this signals the reuse of an existing contact. Without the "id" key, the server will create a new contact with the given data.
	Obligation:	Required for 'create' or 'update' operation
	Location:	Within the 'attributes' associative array
	Allowed value(s):	ID of an existing contact or new contact data

<b>contact_id</b>	Parameter name:	contact_id
	Type:	Int
	Description:	The contact's unique ID
	Obligation:	Conditional: required if a new contact set is not specified
	Location:	Within 'attributes' associative array
	Allowed value(s):	Int, valid contact ID

<b>contact_set</b>	Parameter name:	contact_set
	Type:	Int
	Description:	Determines which contact to use, based on the contacts defined in the 'contacts' array in the 'attributes' associative array. For example, use '0' to specify that the first contact in the 'contacts' array be used.

Obligation:	Conditional: required if 'contacts' array was submitted
Location:	Within a 'create_items' or 'update_items' array
Allowed value(s):	Values of the contact types supplied (e.g. Admin) refer to array indexes in the contacts array in the attributes associative array. The array index numbering starts at 0 (zero).

# Create Website Builder Brand

This command enables you to create a Reseller Brand. In order to offer the Website Builder tool to your customers, you need to create at least one Brand. When you create a Brand, you can add default settings to that Brand; those settings will be applied each time the Brand is used to create a Website Builder account. For more information, see Brands.

**Note:** When creating a brand, only a Reseller contact can be used. See Common Contact Data for the list of required contact data.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'CREATE',
  'object' => 'WSB.BRAND',
  'requestor' => {
    'username' => 'purple'
  },
  'attributes' => {
    'user_id' => '7421',
    'service' => 'wsb',
    'product_data' => {
      'purchase_url' => 'shop.mydomain.com',
      'brand_name' => 'todayj',
      'brand_url' => 'www.mydomain.com',
      'password' => 'password',
      'language' => 'en',
      'ftp_server' => 'ftp.mydomain.com'
      'ftp_port' => '21',
      'ftp_default_directory' => 'websitebuilder',
      'ftp_index_filename' => 'index.html',
      'protect' => 'Y',
      'contact_id' => '17016',
    }
  }
};
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'CREATE:REPLY',
  'object' => 'WSB.BRAND',
  'session_id' => 'OSRS-5582905',
  'is_success' => '1',
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'attributes' => {
    'product_data' => {},
    'object_type' => 'wsb.brand',
    'response_text' => 'Request completed successfully',
    'response_code' => '200',
    'service' => 'wsb'
  }
};
```

```
}  
};
```

### Request example – XML

```
<?xml version='1.0' encoding='UTF-8' standalone='no'?>  
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>  
<OPS_envelope>  
  <header>  
    <version>0.9</version>  
  </header>  
  <body>  
    <data_block>  
      <dt_assoc>  
        <item key="protocol">TPP</item>  
        <item key="version">1.4.0</item>  
        <item key="action">CREATE</item>  
        <item key="object">WSB.BRAND</item>  
        <item key="requestor">  
          <dt_assoc>  
            <item key="username">purple</item>  
          </dt_assoc>  
        </item>  
        <item key="attributes">  
          <dt_assoc>  
            <item key="service">wsb</item>  
            <item key="product_data">  
              <dt_assoc>  
                <item key="purchase_url">shop.mydomain.com</item>  
                <item key="brand_name">todayj</item>  
                <item key="language">en</item>  
                <item key="ftp_default_directory">websitebuilder</item>  
                <item key="contact_id">17016</item>  
                <item key="ftp_server">ftp.mydomain.com</item>  
                <item key="password">password</item>  
                <item key="brand_url">www.mydomain.com</item>  
                <item key="ftp_index_filename">index.html</item>  
                <item key="ftp_port">21</item>  
                <item key="protect">Y</item>  
              </dt_assoc>  
            </item>  
            <item key="user_id">7421</item>  
          </dt_assoc>  
        </item>  
      </dt_assoc>  
    </data_block>  
  </body>  
</OPS_envelope>
```

### Response example – XML

```
<?xml version='1.0' encoding='UTF-8' standalone='no'?>  
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>  
<OPS_envelope>  
  <header>  
    <version>0.9</version>  
  </header>  
  <body>  
    <data_block>  
      <dt_assoc>  
        <item key="protocol">TPP</item>
```

```
<item key="version">1.4.0</item>
<item key="action">CREATE:REPLY</item>
<item key="object">WSB.BRAND</item>
<item key="session_id">OSRS-5582905</item>
<item key="is_success">1</item>
<item key="response_code">200</item>
<item key="response_text">Request completed successfully</item>
<item key="attributes">
  <dt_assoc>
    <item key="service">wsb</item>
    <item key="product_data">
      <dt_assoc/>
    </item>
    <item key="response_text">Request completed successfully</item>
    <item key="response_code">200</item>
    <item key="object_type">wsb.brand</item>
  </dt_assoc>
</item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>
```

## Parameter definitions

### Brand FTP Settings

A Brand's FTP settings will be automatically used for accounts created using that Brand; however, if the account's website is not hosted by the Reseller and uses different FTP settings, the FTP settings for that account can be specified when the account is created.

#### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed: upgrade / downgrade order
	Obligation:	Required
	Location:	Within the Create Brand request
	Allowed value(s):	'create'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon: the object to be created
	Obligation:	Required
	Location:	Within the Create Brand request
	Allowed value(s):	'wsb.brand'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the Create Brand request
	Allowed value(s):	Values are variable; see attributes below.

<b>user_id</b>	Parameter name:	user_id
	Type:	Int
	Description:	The ID of the RWI 2 user creating the Brand

Obligation:	Required
Location:	Within the "attributes" associative array
Allowed value(s):	Valid user ID

<b>product_data</b>	Parameter name:	product_data
	Type:	associative array
	Description:	product data
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>purchase_url</b>	Parameter name:	purchase_url
	Type:	String
	Description:	The URL (RSP's own website) where you want to send end-users to purchase the WSB service. This is especially relevant for expiring trial accounts as it's the URL used to go live.
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	FQDN (Fully Qualified Domain Name)

<b>brand_name</b>	Parameter name:	brand_name
	Type:	String
	Description:	The name (code) of the Brand being created
	Obligation:	Required
	Location:	Within the "product_data" associative array
Allowed value(s):	Alphanumeric string (no special characters or spaces), 1 - 256 characters	

<b>brand_url</b>	Parameter name:	brand_url
	Type:	String
	Description:	The location of the wizard that your users will use to design their website. You must create a subdomain explicitly and solely for this purpose. This cannot be the same URL which your users will use to purchase the WSB service.
Obligation:	Required	

Location:	Within the "product_data" associative array
Allowed value(s):	FQDN (Fully Qualified Domain Name)

<b>password</b>	Parameter name:	password
	Type:	String
	Description:	This password is used with the "brand-name" to change the appearance of your WSB interface (i.e. colors, logo, etc.).
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	String

<b>language</b>	Parameter name:	language
	Type:	String
	Description:	The language in which the Brand's interface will be displayed. Languages will be available according to the following dates: Currently available – English, French, Italian, Spanish, Dutch, German To Be Determined – Portuguese, Greek, Japanese, Chinese
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: 'en' = English   'fr' = French   'it' = Italian   'es' = Spanish   'nl' = Dutch   'de' = German

<b>ftp_server</b>	Parameter name:	ftp_server
	Type:	String
	Description:	The IP address or FQDN of the web server to which to FTP files. This FTP information will be used for accounts created using this Brand.
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	Valid IP address or FQDN, 1 - 100 characters, all characters are allowed except for " \ { }

<b>ftp_port</b>	Parameter name:	ftp_port
	Type:	Int

Description:	The port on the FTP server to which FTP'd files will be sent
Obligation:	Required
Location:	Within the "product_data" associative array
Allowed value(s):	Valid FTP port, 0 - 4 characters

<b>ftp_default_directory</b>	Parameter name:	ftp_default_directory
	Type:	String
	Description:	The default directory location on the FTP server where FTP'd files will be sent
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	Valid directory on the FTP server, 0 - 200 characters

<b>ftp_index_filename</b>	Parameter name:	ftp_index_filename
	Type:	String
	Description:	The name of the file to use as the new website's start page
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: index.html   index.htm   default.html   default.htm

<b>protect</b>	Parameter name:	protect
	Type:	String
	Description:	Determines if the brand will create websites in HTML format, or in a protected format that cannot easily be republished. If your brand creates accounts that publish in HTML, Export is not necessary; your site will already be in HTML format. The default value is 'N' so that sites will be published in HTML (unprotected) format.
	Obligation:	Required
	Location:	Within the "product_data" associative array
Allowed value(s):	Y   N Y = publish sites in protected format N = publish sites in HTML format; exports will not be	

	required
--	----------

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed: create brand
	Obligation:	Always returned
	Location:	Within the Create Brand response
	Allowed value(s):	'create:reply'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon: the Brand to be created
	Obligation:	Always returned
	Location:	Within the Create Brand response
	Allowed value(s):	'wsb.brand'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Always returned
	Location:	Within the Create Brand response
	Allowed value(s):	Values are variable; see attributes below.

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The object created
	Obligation:	Always returned

Location:	Within the "attributes" associative array
Allowed value(s):	'wsb.brand'

<b>product_data</b>	Parameter name:	product_data
	Type:	Array of associative arrays
	Description:	Product data
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable

# Update Website Builder Brand

Brands contain default settings that are used when creating Website Builder accounts. Use the following command to change a Brand's settings.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'UPDATE',
  'object' => 'WSB.BRAND',
  'requestor' => {
    'username' => 'purple'
  },
  'attributes' => {
    'user_id' => '7421',
    'service' => 'wsb',
    'product_data' => {
      'brand_name' => 'todayj',
      'brand_url' => 'www2.mydomain.com',
      'purchase_url' => 'www.mydomain.com',
      'ftp_server' => 'ftp.ftphost.net',
      'ftp_port' => '21',
      'ftp_default_directory' => 'websitebuilder',
      'ftp_index_filename' => 'index.htm',
      'protect' => 'Y',
      'password' => 'password',
      'contact_id' => '17016'
    }
  }
};
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'UPDATE:REPLY',
  'object' => 'WSB.BRAND',
  'session_id' => 'OSRS-5582906',
  'is_success' => '1',
  'response_text' => 'Request completed successfully',
  'response_code' => '200',
  'attributes' => {
    'product_data' => {},
    'object_type' => 'wsb.brand',
    'response_text' => 'Request completed successfully',
    'response_code' => '200',
    'service' => 'wsb'
  }
};
```

## Request example – XML

```
<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">UPDATE</item>
        <item key="object">WSB.BRAND</item>
        <item key="requestor">
          <dt_assoc>
            <item key="username">purple</item>
          </dt_assoc>
        </item>
        <item key="attributes">
          <dt_assoc>
            <item key="service">wsb</item>
            <item key="user_id">7421</item>
            <item key="product_data">
              <dt_assoc>
                <item key="purchase_url">www.mydomain.com</item>
                <item key="brand_name">todayj</item>
                <item key="ftp_default_directory">websitebuilder</item>
                <item key="contact_id">17016</item>
                <item key="ftp_server">ftp.ftphost.net</item>
                <item key="password">password</item>
                <item key="brand_url">www2.mydomain.com</item>
                <item key="ftp_index_filename">index.htm</item>
                <item key="ftp_port">21</item>
                <item key="protect">Y</item>
              </dt_assoc>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>
```

## Response example – XML

```
<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">UPDATE:REPLY</item>
        <item key="object">WSB.BRAND</item>
```

```
<item key="session_id">OSRS-5582906</item>
<item key="is_success">1</item>
<item key="response_code">200</item>
<item key="response_text">Request completed successfully</item>
<item key="attributes">
  <dt_assoc>
    <item key="service">wsb</item>
    <item key="product_data">
      <dt_assoc/>
    </item>
    <item key="response_text">Request completed successfully</item>
    <item key="response_code">200</item>
    <item key="object_type">wsb.brand</item>
  </dt_assoc>
</item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>
```

## Parameter definitions

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed: update brand
	Obligation:	Required
	Location:	Within the Update Brand request
	Allowed value(s):	'update'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon: the Brand to be updated
	Obligation:	Required
	Location:	Within the Update Brand request
	Allowed value(s):	'wsb.brand'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the Update Brand request
	Allowed value(s):	Values are variable; see attributes below.

<b>user_id</b>	Parameter name:	user_id
	Type:	Int
	Description:	The ID of the RWI 2 user updating the Brand
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Valid user ID

<b>product_data</b>	Parameter name:	product_data
	Type:	associative array
	Description:	product data
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>brand_name</b>	Parameter name:	brand_name
	Type:	String
	Description:	The name of the Brand to be updated
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	String

<b>brand_url</b>	Parameter name:	brand_url
	Type:	String
	Description:	The new URL for the Brand
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	FQDN (Fully Qualified Domain Name)

<b>purchase_url</b>	Parameter name:	purchase_url
	Type:	String
	Description:	The new purchase URL for the Brand. The purchase-url is the URL to which to send users to purchase the WSB service.
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	FQDN (Fully Qualified Domain Name)

<b>ftp_server</b>	Parameter name:	ftp_server
	Type:	String
	Description:	The new IP address or FQDN of the web server to which to

	FTP files
Obligation:	Optional
Location:	Within the "product_data" associative array
Allowed value(s):	Valid IP address or FQDN, 1 - 100 characters, all characters are allowed except for " \ { }

<b>ftp_port</b>	Parameter name:	ftp_port
	Type:	Int
	Description:	The new port on the new FTP server
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	Valid FTP port, 0 - 4 characters

<b>ftp_default_directory</b>	Parameter name:	ftp_default_directory
	Type:	String
	Description:	The new default directory location on the FTP server
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	Valid directory on the FTP server, 0 - 200 characters

<b>ftp_index_filename</b>	Parameter name:	ftp_index_filename
	Type:	String
	Description:	The new filename to use as the website's start page
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: index.html   index.htm   default.html   default.htm

<b>protect</b>	Parameter name:	protect
	Type:	String

Description:	<p>Determines if the brand will create websites in HTML format, or in a protected format that cannot easily be republished.</p> <p>If your brand creates accounts that publish in HTML, Export is not necessary; your site will already be in HTML format.</p> <p>The default value is 'N' so that sites will be published in HTML (unprotected) format.</p>
Obligation:	Required
Location:	Within the "product_data" associative array
Allowed value(s):	<p>Y   N</p> <p>Y = publish sites in protected format</p> <p>N = publish sites in HTML format; exports will not be required</p>

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action performed: brand updated
	Obligation:	Always returned
	Location:	Within the Update Brand response
	Allowed value(s):	'update:reply'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon: brand
	Obligation:	Always returned
	Location:	Within the Update Brand response
	Allowed value(s):	'wsb.brand'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Always returned
	Location:	Within the Update Brand response
	Allowed value(s):	Values are variable; see attributes below.

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	Type of object
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	'wsb.brand'

<b>product_data</b>	Parameter name:	product_data
	Type:	Array of associative arrays
	Description:	Product data
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable

# Order Website Builder Account

This command enables you to create an account to use the Website Builder tool. Without an account, your customers will not be able to access and use the Website Builder. One account is required for each website to be created with this tool. The domain name of the website can be changed at anytime; a Website Builder account is not bound to a specific domain name.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'object' => 'order',
  'action' => 'create',
  'requestor' => {
    'password' => 'secret',
    'username' => 'purple'
  },
  'attributes' => {
    'contacts' => [
      {
        'contact_id' => '34773'
      }
    ],
    'client_reference' => 'pure-test',
    'user_id' => '7421',
    'handling' => 'process',
    'create_items' => [
      {
        'service' => 'wsb',
        'order_item_type' => 'new',
        'object_type' => 'account',
        'expiry_date' => '27-Aug-2008',
        'product_data' => {
          'brand_name' => 'brand2',
          'package_name' => 'buscard',
          'domain' => 'example.com',
          'language' => 'en',
          'account_username' => 'user5001',
          'account_password' => 'secret',
          'lost_password_email' => 'user5001@example.com',
          'ftp_server' => 'server5001.com',
          'ftp_port' => '22',
          'ftp_default_directory' => 'websitebuilder',
          'ftp_index_filename' => 'index.html',
          'ftp_username' => 'user5001',
          'ftp_password' => 'secret',
        },
        'contact_set' => {
          'owner' => '0'
        }
      }
    ]
  }
};
```

## Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'CREATE:REPLY',
  'object' => 'ORDER',
  'session_id' => 'OSRS-5584281',
  'is_success' => '1'
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'attributes' => {
    'contacts' => [
      {}
    ],
    'client_reference' => 'pure-test',
    'status' => 'charged',
    'order_id' => '15724',
    'price' => '6',
    'create_items' => [
      {
        'price' => '6',
        'ancillary_price' => '25',
        'major_code' => '200',
        'major_text' => 'Money charged',
        'item_id' => '19391',
        'product_item' => {
          'product_data' => {
            'ftp_port' => '22',
            'brand_name' => 'brand2',
            'ftp_password' => 'secret',
            'account_username' => 'user5001',
            'domain' => 'example.com',
            'language' => 'en',
            'package_name' => 'buscard',
            'ftp_default_directory' => 'websitebuilder',
            'lost_password_email' => 'user5001@example.com',
            'account_password' => 'secret',
            'ftp_index_filename' => 'index.html',
            'ftp_username' => 'user5001',
            'ftp_server' => 'server5001.com'
          },
          'object_type' => 'account',
          'response_text' => 'Request completed successfully',
          'contact_set' => {
            'owner' => '34773'
          },
          'response_code' => '200',
          'service' => 'wsb',
          'inventory_item_id' => '17207'
        },
        'client_reference' => '',
        'status' => 'charged',
        'contact_set' => {
          'owner' => '34774'
        }
      }
    ]
  }
};
```

## Request example – XML

```
<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="version">1.4.0</item>
        <item key="attributes">
          <dt_assoc>
            <item key="client_reference">pure-test</item>
            <item key="handling">process</item>
            <item key="user_id">7421</item>
            <item key="create_items">
              <dt_array>
                <item key="0">
                  <dt_assoc>
                    <item key="service">wsb</item>
                    <item key="object_type">account</item>
                    <item key="order_item_type">new</item>
                    <item key="expiry_date">27-Aug-2008</item>
                    <item key="product_data">
                      <dt_assoc>
                        <item key="package_name">buscard</item>
                        <item key="brand_name">brand2</item>
                        <item key="domain">example.com</item>
                        <item key="language">en</item>
                        <item key="ftp_default_directory">websitebuilder</item>
                        <item key="ftp_username">user5001</item>
                        <item
key="lost_password_email">user5001@example.com</item>
                        <item key="account_username">user5001</item>
                        <item key="ftp_server">server5001.com</item>
                        <item key="account_password">secret</item>
                        <item key="ftp_password">secret</item>
                        <item key="ftp_index_filename">index.html</item>
                        <item key="ftp_port">22</item>
                      </dt_assoc>
                    </dt_assoc>
                  </item>
                <item key="contact_set">
                  <dt_assoc>
                    <item key="owner">0</item>
                  </dt_assoc>
                </item>
              </dt_array>
            </item>
          </dt_assoc>
        </item>
      </dt_array>
    </item>
    <item key="contacts">
      <dt_array>
        <item key="0">
          <dt_assoc>
            <item key="id">90647</item>
          </dt_assoc>
        </item>
      </dt_array>
    </item>
  </body>
</OPS_envelope>
```

```

    </dt_assoc>
  </item>
  <item key="object">order</item>
  <item key="requestor">
    <dt_assoc>
      <item key="password">secret</item>
      <item key="username">purple</item>
    </dt_assoc>
  </item>
  <item key="action">create</item>
  <item key="protocol">TPP</item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>

```

## Response example – XML

```

<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">CREATE:REPLY</item>
        <item key="object">ORDER</item>
        <item key="is_success">1</item>
        <item key="session_id">OSRS-5584281</item>
        <item key="response_code">200</item>
        <item key="response_text">Request completed successfully</item>
        <item key="attributes">
          <dt_assoc>
            <item key="status">charged</item>
            <item key="create_items">
              <dt_array>
                <item key="0">
                  <dt_assoc>
                    <item key="status">charged</item>
                    <item key="contact_set">
                      <dt_assoc>
                        <item key="owner">34774</item>
                      </dt_assoc>
                    </item>
                    <item key="major_code">200</item>
                    <item key="ancillary_price">25</item>
                    <item key="item_id">19391</item>
                    <item key="client_reference"/>
                    <item key="price">6</item>
                    <item key="product_item">
                      <dt_assoc>
                        <item key="contact_set">
                          <dt_assoc>
                            <item key="owner">34773</item>
                          </dt_assoc>
                        </item>

```

```

        <item key="inventory_item_id">17207</item>
        <item key="service">wsb</item>
        <item key="product_data">
            <dt_assoc>
                <item key="language">en</item>
                <item key="ftp_username">user5001</item>
                <item
key="ftp_default_directory">websitebuilder</item>
                <item key="account_username">user5001</item>
                <item key="domain">example.com</item>
                <item key="ftp_port">22</item>
                <item
key="lost_password_email">user5001@example.com</item>
                <item key="ftp_index_filename">index.html</item>
                <item key="ftp_password">secret</item>
                <item key="ftp_server">server5001.com</item>
                <item key="account_password">secret</item>
                <item key="brand_name">brand2</item>
                <item key="package_name">buscard</item>
            </dt_assoc>
        </item>
        <item key="response_text">Request completed
successfully</item>
        <item key="response_code">200</item>
        <item key="object_type">account</item>
    </dt_assoc>
</item>
    <item key="major_text">Money charged</item>
</dt_assoc>
</item>
</dt_array>
</item>
<item key="contacts">
    <dt_array>
        <item key="0">
            <dt_assoc/>
        </item>
    </dt_array>
</item>
    <item key="order_id">15724</item>
    <item key="client_reference">pure-test</item>
    <item key="price">6</item>
</dt_assoc>
</item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>

```

## Parameter definitions

### Brand FTP Settings

A Brand's FTP settings will be automatically used for accounts created using that Brand; however, if the account's website is not hosted by the Reseller and/or uses different FTP settings, the FTP settings for that account can be specified when the account is created.

#### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed: create account
	Obligation:	Required
	Location:	Within the Create Account request
	Allowed value(s):	'create'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Required
	Location:	Within the Create Account request
	Allowed value(s):	'order'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the Create Account request
	Allowed value(s):	Values are variable; see attributes below.

<b>user_id</b>	Parameter name:	user_id
	Type:	Int

Description:	The ID of the user creating the account
Obligation:	Required
Location:	Within the "attributes" associative array
Allowed value(s):	Valid user ID

<b>create_items</b>	Parameter name:	create_items
	Type:	Array of associate arrays
	Description:	The list of items for the order. The contents of each item depend on the values of 'service', 'object_type' and 'orderitem_type'.
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable; see attributes below.

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object to be provisioned by the service. For creating a Website Builder account, this is 'account'.
	Obligation:	Required
	Location:	Within a "create_items" array
	Allowed value(s):	'account'

<b>expiry_date</b>	Parameter name:	expiry_date
	Type:	String
	Description:	<p>When used with "create_items", this parameter allows you to set an expiry date for a new Website Builder account.</p> <p><b>To set or change an expiry date</b></p> <p>The date must be a future date, in the following format:</p> <ul style="list-style-type: none"> <li>- day must be 2 characters, i.e. 01-31</li> <li>- month must be first three characters of month name, i.e. Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec</li> <li>- year must be in four character format, e.g. 2005</li> <li>- e.g. 27-Aug-2008</li> </ul>
Obligation:	Optional - If not specified, the order item will not expire, and will be billed to your account each month, indefinitely or until the item is canceled, suspended, or an expiry date is set.	

Location:	Within the 'create_items' associative array. Also permitted in the 'update_items' and 'inventory_items' arrays.
Allowed value(s):	Future date in valid format, e.g. '27-Aug-2008'

<b>order_item_type</b>	Parameter name:	order_item_type
	Type:	String
	Description:	The type of the order item
	Obligation:	Defaults to 'new' if not supplied. For ordering a Website Builder account, this can be 'new' or 'upgrade'. For ordering a trial, this would be 'trial',
	Location:	Within a "create_items" array
	Allowed value(s):	'new'   'upgrade'

<b>product_data</b>	Parameter name:	product_data
	Type:	associative array
	Description:	product data
	Obligation:	Required
	Location:	Within a "create_items" array
	Allowed value(s):	Values are variable; see attributes below

<b>brand_name</b>	Parameter name:	brand_name
	Type:	String
	Description:	The name of the Reseller's Brand being to which to assign the new account. You cannot create an account without at least one Brand.
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	String, valid Brand name

<b>domain</b>	Parameter name:	domain
	Type:	String
	Description:	The domain for which website builder will be used. The domain is required if you want to use the photo album feature.

Obligation:	Optional
Location:	Within the "product_data" associative array
Allowed value(s):	String, valid domain name

<b>package_name</b>	Parameter name:	package_name
	Type:	String
	Description:	The package that will be used to create the website
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: 'buscard'   'starterweb'   'personal'   'smallbus'   'ecomm'

<b>language</b>	Parameter name:	language
	Type:	String
	Description:	The language in which the WSB interface will be displayed. Languages will be available according to the following dates: Currently available – English, French, Italian, Spanish, Dutch, German To Be Determined – Portuguese, Greek, Japanese, Chinese
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: 'en' = English   'fr' = French   'it' = Italian   'es' = Spanish   'nl' = Dutch   'de' = German

<b>account_username</b>	Parameter name:	account_username
	Type:	String
	Description:	The username that will be used to access the WSB interface to create the website. You can only have one 'account_username' per Website Builder account. The 'account_username' must be unique across the Website Builder system.
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	Alphanumeric string (no special characters or spaces), 1 - 256 characters

<b>account_password</b>	Parameter name:	account_password
	Type:	String
	Description:	The password that will be used with the 'account_username' to access the WSB interface to create the website
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	Alphanumeric string (no special characters or spaces), 3 - 256 characters

<b>lost_password_email</b>	Parameter name:	lost_password_email
	Type:	String
	Description:	The email address to which to send the 'account_password' if forgotten.
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	Valid email address

<b>ftp_server</b>	Parameter name:	ftp_server
	Type:	String
	Description:	The IP address or FQDN of the server to which to FTP files
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	Valid IP address or FQDN, 1 - 100 characters, all characters are allowed except for " \ { }

<b>ftp_port</b>	Parameter name:	ftp_port
	Type:	Int
	Description:	The port on the FTP server to which FTP'd files will be sent
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	Valid FTP port, 0 - 4 characters

<b>ftp_default_directory</b>	Parameter name:	ftp_default_directory
------------------------------	-----------------	-----------------------

Type:	String
Description:	The default directory location on the FTP server where FTP'd files will be sent
Obligation:	Optional
Location:	Within the "product_data" associative array
Allowed value(s):	Valid directory on the FTP server, 0 - 200 characters

<b>ftp_index_filename</b>	Parameter name:	ftp_index_filename
	Type:	String
	Description:	The name of the file to use as the new website's start page
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: index.html   index.htm   default.html   default.htm

<b>ftp_username</b>	Parameter name:	ftp_username
	Type:	String
	Description:	The username for the FTP account used to FTP files
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	String, 0 - 50 characters, all characters are allowed except for " \ { }

<b>ftp_password</b>	Parameter name:	ftp_password
	Type:	String
	Description:	The password for the FTP account used to FTP files
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	String, all characters are allowed except for " \ { }

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed: create brand
	Obligation:	Always returned
	Location:	Within the Create Account response
	Allowed value(s):	'create:reply'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon: the brand to be created
	Obligation:	Always returned
	Location:	Within the Create Account response
	Allowed value(s):	'order'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Always returned
	Location:	Within the Create Account response
	Allowed value(s):	Values are variable; see attributes below.

<b>status</b>	Parameter name:	status
	Type:	String
	Description:	The status of the order (account)
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	'created'

<b>order_id</b>	Parameter name:	order_id
	Type:	Int
	Description:	The order ID
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	Int

<b>price</b>	Parameter name:	price
	Type:	Int
	Description:	The order's total price, in US funds
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	Int

<b>create_items</b>	Parameter name:	create_items
	Type:	Array of associative arrays
	Description:	The individual results of creating each order item
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable

<b>item_id</b>	Parameter name:	item_id
	Type:	Int
	Description:	The order item ID
	Obligation:	Always returned
	Location:	Within a "create_items" array
	Allowed value(s):	Int

<b>status</b>	Parameter name:	status
	Type:	String
	Description:	The status of the order item
	Obligation:	Always returned

Location:	Within a "create_items" array
Allowed value(s):	'validated'

<b>price</b>	Parameter name:	price
	Type:	Int
	Description:	The prorated monthly charge for the account, in US funds
	Obligation:	Always returned
	Location:	Within a "create_items" array
	Allowed value(s):	Int

<b>ancillary_price</b>	Parameter name:	ancillary_price
	Type:	Int
	Description:	The non-refundable, initial setup fee, in US funds
	Obligation:	Always returned when creating an account
	Location:	Within a "create_items" array
	Allowed value(s):	Int

<b>product_item</b>	Parameter name:	product_item
	Type:	Associative array
	Description:	Order item details
	Obligation:	Always returned
	Location:	Within a "create_items" array
	Allowed value(s):	Values are variable

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	product data
	Obligation:	Always returned
	Location:	Within the "product_item" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>brand_name</b>	Parameter name:	brand_name
-------------------	-----------------	------------

Type:	String
Description:	The name of the Reseller's Brand being to which to assign the new account. You cannot create an account without at least one Brand.
Obligation:	Always returned
Location:	Within the "product_data" associative array
Allowed value(s):	String, Brand name as submitted in request

<b>package_name</b>	Parameter name:	package_name
	Type:	String
	Description:	The package that will be used to create the website.
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Allowed value(s):	Package type as submitted in request. One of: 'buscard'   'starterweb'   'personal'   'smallbus'   'ecomm'

<b>domain</b>	Parameter name:	domain
	Type:	String
	Description:	The domain for which website builder will be used. The domain is required if you want to use the photo album feature.
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	String, valid domain name

<b>language</b>	Parameter name:	language
	Type:	String
	Description:	The language in which the WSB interface will be displayed. Languages will be available according to the following dates: Currently available – English, French, Italian, Spanish, Dutch, German To Be Determined – Portuguese, Greek, Japanese, Chinese
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	Language code, as submitted in request. One of: 'en' = English   'fr' = French   'it' = Italian   'es' = Spanish   'nl' = Dutch   'de' = German

<b>account_username</b>	Parameter name:	account_username
	Type:	String
	Description:	The username that will be used to access the WSB interface to create the website. You can only have one 'account_username' per account, and each account must have a unique 'account_username'.
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Allowed value(s):	Username as submitted in request

<b>account_password</b>	Parameter name:	account_password
	Type:	String
	Description:	The password that will be used with the 'account_username' to access the WSB interface to create the website
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
Allowed value(s):	Password as submitted in request	

<b>lost_password_email</b>	Parameter name:	lost_password_email
	Type:	String
	Description:	The email address to which to send the 'account_password' if forgotten.
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
Allowed value(s):	Email address as submitted in request	

<b>ftp_server</b>	Parameter name:	ftp_server
	Type:	String
	Description:	The IP address of the server to which to FTP files. If the account will be hosted by the Reseller, the FTP information should be the same as the FTP details included in the Reseller's Brand profile. If the account is not hosted by the Reseller, this data will overwrite the FTP details in the Reseller's Brand profile.
	Obligation:	Returned if submitted in the request
Location:	Within the "product_data" associative array	

	Allowed value(s):	IP address or FQDN, as submitted in request
<b>ftp_port</b>	Parameter name:	ftp_port
	Type:	Int
	Description:	The port on the FTP server to which FTP'd files will be sent
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	FTP port, as submitted in request

<b>ftp_default_directory</b>	Parameter name:	ftp_default_directory
	Type:	String
	Description:	The default directory location on the FTP server where FTP'd files will be sent
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	Directory on the FTP server, as submitted in request

<b>ftp_index_filename</b>	Parameter name:	ftp_index_filename
	Type:	String
	Description:	The name of the file to use as the new website's start page
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	FTP filename, as submitted in request

<b>ftp_username</b>	Parameter name:	ftp_username
	Type:	String
	Description:	The username for the FTP account used to FTP files
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Allowed value(s):	FTP username, as submitted in request

<b>ftp_password</b>	Parameter name:	ftp_password
---------------------	-----------------	--------------

Type:	String
Description:	The password for the FTP account used to FTP files
Obligation:	Always returned
Location:	Within the "product_data" associative array
Allowed value(s):	FTP password, as submitted in request

# Order Website Builder Trial Account

Creating a trial account is similar to creating a live account. Unlike a live account, the trial account cannot be published (i.e. it cannot be posted to a publicly accessible URL), and will expire after 30 days. Trial accounts can be switched to live accounts before the end of the 30-day trial period.

Resellers can cancel a Trial account anytime within the 30-day trial period.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'object' => 'ORDER',
  'version' => '1.4.0',
  'action' => 'CREATE',
  'requestor' => {
    'username' => 'qaone'
  },
  'attributes' => {
    'user_id' => '13486',
    'create_items' => [
      {
        'service' => 'wsb',
        'orderitem_type' => 'trial',
        'object_type' => 'account',
        'product_data' => {
          'brand_name' => 'test123',
          'package_name' => 'ecomm',
          'domain' => 'example.com',
          'language' => 'en',
          'account_username' => '',
          'account_password' => '',
          'lost_password_email' => 'user5000@example.com',
          'ftp_server' => '1.2.3.4',
          'ftp_port' => '25',
          'ftp_default_directory' => '/test',
          'ftp_index_filename' => 'index.html',
          'ftp_username' => '',
          'ftp_password' => ''
        },
        'contact_set' => {
          'owner' => '0'
        }
      }
    ],
    'contacts' => [
      {
        'id' => '31798'
      }
    ]
  }
};
```

## Response example – PERL

```
{
  'protocol' => 'TPP',
  'session_id' => 'OSRS-582090',
  'object' => 'order',
  'version' => '1.4.0',
  'response_code' => '50011',
  'is_success' => '0',
  'response_text' => 'Account is not available;',
  'action' => 'update:reply',
  'attributes' => {
    'contacts' => [
      { }
    ],
    'client_reference' => 'trweb-1084472921',
    'create_items' => [
      {
        'product_item' => {
          'product_data' => {
            'ftp_port' => '25',
            'language' => 'en',
            'brand_name' => 'test123',
            'ftp_password' => 'user5000',
            'account_username' => 'user5000',
            'package_name' => 'ecomm',
            'ftp_default_directory' => '/test',
            'lost_password_email' => 'user5000@example.com',
            'account_password' => 'user5000',
            'domain' => 'example.com',
            'ftp_index_filename' => 'index.html',
            'ftp_username' => 'user5000',
            'ftp_server' => '1.2.3.4'
          },
          'response_text' => 'Request completed successfully',
          'response_code' => '200',
          'service' => 'wsb'
        },
        'client_reference' => '',
        'status' => 'cancelled',
        'contact_set' => {
          'owner' => '31798'
        },
        'major_code' => '50011',
        'price' => '0',
        'major_text' => 'Account is not available;',
        'item_id' => '457085'
      }
    ],
    'status' => 'created',
    'order_id' => '475572',
    'price' => '0',
    'update_items' => [],
    'cancel_items' => [],
    'reverse_items' => []
  }
};
```

## Request example – XML

```
<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">UPDATE</item>
        <item key="object">ORDER</item>
        <item key="requestor">
          <dt_assoc>
            <item key="username">qaone</item>
          </dt_assoc>
        </item>
        <item key="attributes">
          <dt_assoc>
            <item key="user_id">13486</item>
            <item key="create_items">
              <dt_array>
                <item key="0">
                  <dt_assoc>
                    <item key="contact_set">
                      <dt_assoc>
                        <item key="owner">0</item>
                      </dt_assoc>
                    </item>
                    <item key="service">wsb</item>
                    <item key="product_data">
                      <dt_assoc>
                        <item key="language">en</item>
                        <item key="ftp_default_directory">/test</item>
                        <item key="ftp_username">user5000</item>
                        <item key="account_username">user5000</item>
                        <item key="domain">example.com</item>
                        <item key="ftp_port">25</item>
                      </dt_assoc>
                    </item>
                    <item key="lost_password_email">user5000@example.com</item>
                    <item key="ftp_index_filename">index.html</item>
                    <item key="ftp_server">1.2.3.4</item>
                    <item key="ftp_password">user5000</item>
                    <item key="account_password">user5000</item>
                    <item key="brand_name">test123</item>
                    <item key="package_name">ecomm</item>
                  </dt_assoc>
                </item>
                <item key="orderitem_type">trial</item>
                <item key="object_type">account</item>
              </dt_array>
            </item>
            <item key="contacts">
              <dt_array>
```

```

        <item key="0">
            <dt_assoc>
                <item key="id">31798</item>
            </dt_assoc>
        </item>
    </dt_array>
</item>
<item key="order_id">475572</item>
</dt_assoc>
</item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>

```

## Response example – XML

```

<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">update:reply</item>
        <item key="object">order</item>
        <item key="session_id">OSRS-582090</item>
        <item key="is_success">0</item>
        <item key="response_code">50011</item>
        <item key="response_text">Account is not available;</item>
        <item key="attributes">
          <dt_assoc>
            <item key="contacts">
              <dt_array>
                <item key="0">
                  <dt_assoc>
                    </dt_assoc>
                </item>
              </dt_array>
            </item>
            <item key="cancel_items">
              <dt_array/>
            </item>
            <item key="update_items">
              <dt_array/>
            </item>
            <item key="create_items">
              <dt_array>
                <item key="0">
                  <dt_assoc>
                    <item key="price">0</item>
                    <item key="major_code">50011</item>
                    <item key="client_reference"/>
                    <item key="major_text">Account is not available;</item>
                    <item key="status">cancelled</item>
                    <item key="item_id">457085</item>

```

```

        <item key="product_item">
            <dt_assoc>
                <item key="service">wsb</item>
                <item key="response_text">Request completed
successfully</item>
                <item key="response_code">200</item>
                <item key="product_data">
                    <dt_assoc>
                        <item key="account_username">user5000</item>
                        <item
key="lost_password_email">user5000@example.com</item>
                        <item key="account_password">user5000</item>
                        <item key="ftp_password">user5000</item>
                        <item key="ftp_index_filename">index.html</item>
                        <item key="ftp_default_directory">/test</item>
                        <item key="ftp_username">user5000</item>
                        <item key="brand_name">test123</item>
                        <item key="ftp_server">1.2.3.4</item>
                        <item key="package_name">ecomm</item>
                        <item
key="domain">example.com</item>
                        <item key="ftp_port">25</item>
                        <item key="language">en</item>
                    </dt_assoc>
                </item>
            </dt_assoc>
        </item>
        <item key="contact_set">
            <dt_assoc>
                <item key="owner">31798</item>
            </dt_assoc>
        </item>
    </dt_array>
</item>
<item key="price">0</item>
<item key="client_reference">trweb-1084472921</item>
<item key="reverse_items">
    <dt_array/>
</item>
<item key="status">created</item>
<item key="order_id">475572</item>
</dt_assoc>
</item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>

```

## Parameter definitions

The structure of the Create Trail Account command is the same as that for the Create Account command. When creating a trial account, ensure that the 'orderitem\_type' parameter is give the value 'trial'. See Create Website Builder Account for complete details regarding the request and response parameters.

<b>orderitem_type</b>	Parameter name:	orderitem_type
	Type:	String
	Description:	The type of the order item
	Obligation:	Required
	Location:	Within a "create_items" array
	Allowed value(s):	'trial'

# Go Live from Trial Account

This command enables you to promote a trial account to live state where it can be published. Be sure to “go live” within 30 days of creating the trial account; otherwise the trial account will expire and cannot be made live.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'CREATE',
  'object' => 'ORDER',
  'requestor' => {
    'username' => 'qaone'
  },
  'attributes' => {
    'user_id' => '13486',
    'contacts' => [
      {
        'id' => '31798'
      }
    ],
    'create_items' => [
      {
        'object_type' => 'account',
        'orderitem_type' => 'modcontract',
        'service' => 'wsb',
        'inventory_item_id' => '461057',
        'expiry_date' => '27-Aug-2008',
        'product_data' => {
          'mc_action' => 'golive',
          'language' => 'en',
          'package_name' => 'ecomm',
          'domain' => 'example.com',
          'ftp_server' => '1.2.3.4',
          'ftp_port' => '25',
          'ftp_default_directory' => '/test',
          'ftp_index_filename' => 'index.html',
          'ftp_username' => 'user5000',
          'ftp_password' => 'user5000'
        },
        'contact_set' => {
          'owner' => '0'
        }
      }
    ]
  }
};
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'create:reply',
```

```

'object' => 'order',
'session_id' => 'OSRS-582094',
'response_code' => '200',
'is_success' => '1',
'response_text' => 'Request completed successfully',
'attributes' => {
  'contacts' => [
    { }
  ],
  'status' => 'pending-process',
  'order_id' => '475573',
  'price' => '153',
  'client_reference' => '',
  'create_items' => [
    {
      'item_id' => '457087',
      'client_reference' => '',
      'status' => 'validated',
      'price' => '153',
      'major_code' => '200',
      'major_text' => 'Request completed successfully',
      'product_item' => {
        'object_type' => 'account',
        'service' => 'wsb',
        'inventory_item_id' => '461057',
        'response_text' => 'Request completed successfully',
        'response_code' => '200',
        'product_data' => {
          'mc_action' => 'golive',
          'language' => 'en',
          'package_name' => 'ecomm',
          'domain' => 'example.com',
          'ftp_server' => '1.2.3.4',
          'ftp_port' => '25',
          'ftp_default_directory' => '/test',
          'ftp_index_filename' => 'index.html',
          'ftp_username' => 'user5000',
          'ftp_password' => 'user5000'
        },
        'contact_set' => {
          'owner' => '31798'
        }
      },
      'contact_set' => {
        'owner' => '31798'
      }
    }
  ]
}
};

```

### Request example – XML

```

<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>

```

```
<data_block>
  <dt_assoc>
    <item key="object">ORDER</item>
    <item key="attributes">
      <dt_assoc>
        <item key="user_id">13486</item>
        <item key="create_items">
          <dt_array>
            <item key="0">
              <dt_assoc>
                <item key="contact_set">
                  <dt_assoc>
                    <item key="owner">0</item>
                  </dt_assoc>
                </dt_assoc>
              </item>
            </dt_array>
          </item>
          <item key="inventory_item_id">461057</item>
          <item key="service">wsb</item>
          <item key="orderitem_type">modcontract</item>
          <item key="object_type">account</item>
          <item key="expiry_date">27-Aug-2008</item>
          <item key="product_data">
            <dt_assoc>
              <item key="ftp_index_filename">index.html</item>
              <item key="language">en</item>
              <item key="ftp_default_directory">/test</item>
              <item key="ftp_username">user5000</item>
              <item key="ftp_password">user5000</item>
              <item key="ftp_server">1.2.3.4</item>
              <item key="package_name">ecomm</item>
              <item key="domain">example.com</item>
              <item key="mc_action">golive</item>
              <item key="ftp_port">25</item>
            </dt_assoc>
          </item>
        </dt_assoc>
      </item>
    </dt_array>
  </item>
  <item key="contacts">
    <dt_array>
      <item key="0">
        <dt_assoc>
          <item key="id">31798</item>
        </dt_assoc>
      </item>
    </dt_array>
  </item>
</dt_assoc>
</item>
<item key="version">1.4.0</item>
<item key="protocol">TPP</item>
<item key="requestor">
  <dt_assoc>
    <item key="username">qaone</item>
  </dt_assoc>
</item>
<item key="action">CREATE</item>
</dt_assoc>
</data_block>
</body>
```

</OPS\_envelope>

## Response example – XML

```
<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="attributes">
          <dt_assoc>
            <item key="contacts">
              <dt_array>
                <item key="0">
                  <dt_assoc>
                    </dt_assoc>
                  </item>
                </dt_array>
              </item>
            <item key="create_items">
              <dt_array>
                <item key="0">
                  <dt_assoc>
                    <item key="price">153</item>
                    <item key="major_code">200</item>
                    <item key="client_reference"/>
                    <item key="major_text">Request completed successfully</item>
                    <item key="status">validated</item>
                    <item key="item_id">457087</item>
                    <item key="product_item">
                      <dt_assoc>
                        <item key="service">wsb</item>
                        <item key="response_text">Request completed
successfully</item>
                      <item key="object_type">account</item>
                      <item key="inventory_item_id">461057</item>
                      <item key="response_code">200</item>
                      <item key="product_data">
                        <dt_assoc>
                          <item key="ftp_password">user5000</item>
                          <item key="ftp_default_directory">/test</item>
                          <item key="ftp_index_filename">index.html</item>
                          <item key="ftp_username">user5000</item>
                          <item key="mc_action">golive</item>
                          <item key="ftp_server">1.2.3.4</item>
                          <item key="ftp_port">25</item>
                          <item key="package_name">ecommm</item>
                        </dt_assoc>
                      </item>
                    <item key="domain">example.com</item>
                    <item key="language">en</item>
                  </dt_assoc>
                </item>
              </dt_array>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>
```

```
        </item>
      </dt_assoc>
    </item>
    <item key="contact_set">
      <dt_assoc>
        <item key="owner">31798</item>
      </dt_assoc>
    </item>
  </dt_array>
</item>
<item key="price">153</item>
<item key="client_reference"/>
<item key="status">pending-process</item>
<item key="order_id">475573</item>
</dt_assoc>
</item>
<item key="object">order</item>
<item key="protocol">TPP</item>
<item key="action">create:reply</item>
<item key="response_text">Request completed successfully</item>
<item key="response_code">200</item>
<item key="is_success">1</item>
<item key="session_id">OSRS-582094</item>
<item key="version">1.4.0</item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>
```

## Parameter definitions

### FTP Settings

The Brand used to create the Trial account will be used when the account is moved to live. The Brand's FTP settings will be automatically applied to the live account; however, if the account's website uses different FTP settings, the FTP settings for that account can be specified in the Go Live command.

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed: upgrade / downgrade order
	Obligation:	Required
	Location:	Within the Go Live request
	Allowed value(s):	'create'   'update'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon: the object to be created
	Obligation:	Required
	Location:	Within the Go Live request
	Allowed value(s):	'order'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the Go Live request
	Allowed value(s):	Values are variable; see attributes below.

<b>user_id</b>	Parameter name:	user_id
	Type:	Int
	Description:	The ID of the RWI 2 user

Obligation:	Required
Location:	Within the "attributes" associative array
Allowed value(s):	Valid user ID

<b>create_items</b>	Parameter name:	create_items
	Type:	Array of associative arrays
	Description:	The list of items for the order. The contents of each item depend on the values of 'service', 'object_type' and 'orderitem_type'.
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable, see below

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object created
	Obligation:	Required
	Location:	Within a "create_items" array
	Allowed value(s):	'account'

<b>order_item_type</b>	Parameter name:	order_item_type
	Type:	String
	Description:	The type of order item
	Obligation:	Required
	Location:	Within a "create_items" array
	Allowed value(s):	'modcontract'

<b>inventory_item_id</b>	Parameter name:	inventory_item_id
	Type:	Int
	Description:	The ID of the inventory item. In the RWI 2, the inventory item is referred to as a "service sold".
	Obligation:	Required
	Location:	Within a "create_items" array

Allowed value(s):	Valid inventory item ID
-------------------	-------------------------

<b>expiry_date</b>	Parameter name:	expiry_date
	Type:	String
	Description:	When used with "create_items", this parameter allows you to set an expiry date for a Website Builder account. <b>To set or change an expiry date</b> The date must be a future date, in the following format: - day must be 2 characters, i.e. 01-31 - month must be first three characters of month name, i.e. Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec - year must be in four character format, e.g. 2005 - e.g. 27-Aug-2008
	Obligation:	Optional - If not specified, the order item will not expire, and will be billed to your account each month, indefinitely or until the item is canceled, suspended, or an expiry date is set.
	Location:	Within the 'create_items' associative array. Also permitted in the 'update_items' and 'inventory_items' arrays.
	Allowed value(s):	Future date in valid format, e.g. '27-Aug-2008'

<b>product_data</b>	Parameter name:	product_data
	Type:	associative array
	Description:	product data
	Obligation:	Required
	Location:	Within a "attributes" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>mc_action</b>	Parameter name:	mc_action
	Type:	String
	Description:	Change contract type action
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	'golive'

<b>package_name</b>	Parameter name:	package_name
	Type:	String
	Description:	The package that will be used to create the website
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: 'buscard'   'starterweb'   'personal'   'smallbus'   'ecomm'

<b>domain</b>	Parameter name:	domain
	Type:	String
	Description:	The domain for which website builder will be used. The domain is required if you want to use the photo album feature.
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	String, valid domain name

<b>language</b>	Parameter name:	language
	Type:	String
	Description:	The language in which the WSB tool will be displayed. Languages will be available according to the following dates: Currently available – English, French, Italian, Spanish, Dutch, German To Be Determined – Portuguese, Greek, Japanese, Chinese
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: 'en' = English   'fr' = French   'it' = Italian   'es' = Spanish   'nl' = Dutch   'de' = German

<b>ftp_server</b>	Parameter name:	ftp_server
	Type:	String
	Description:	The IP address or FQDN of the web server to which to FTP files
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	Valid IP address or FQDN, 1 - 100 characters, all characters are allowed except for " \ { }

<b>ftp_port</b>	Parameter name:	ftp_port
	Type:	Int
	Description:	The port on the FTP server to which FTP'd files will be sent
	Obligation:	Optional
	Location:	Within the "product_data" associative array
Allowed value(s):	Valid FTP port, 0 - 4 characters	

<b>ftp_default_directory</b>	Parameter name:	ftp_default_directory
	Type:	String
	Description:	The default directory location on the FTP server where FTP'd files will be sent
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	Valid directory on the FTP server, 0 - 200 characters

<b>ftp_index_filename</b>	Parameter name:	ftp_index_filename
	Type:	String
	Description:	The name of the file to use as the new website's start page
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: index.html   index.htm   default.html   default.htm

<b>ftp_username</b>	Parameter name:	ftp_username
	Type:	String
	Description:	The username for the FTP account used to FTP

	files
Obligation:	Required
Location:	Within the "product_data" associative array
Allowed value(s):	String, 0 - 50 characters, all characters are allowed except for " \ { }

<b>ftp_password</b>	Parameter name:	ftp_password
	Type:	String
	Description:	The password for the FTP account used to FTP files
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	String, all characters are allowed except for " \ { }

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Always returned
	Location:	Within the "Go Live" response
	Allowed value(s):	'create:reply'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Always returned
	Location:	Within the "Go Live" response
	Allowed value(s):	'order'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Always returned
	Location:	Within the "Go Live" response
	Allowed value(s):	Values are variable; see attributes below

<b>status</b>	Parameter name:	status
	Type:	String
	Description:	The status of the order
	Obligation:	Always returned
	Location:	Within the 'attributes' associative array
	Allowed value(s):	'pending-process'   'charged'

<b>order_id</b>	Parameter name:	order_id
	Type:	Int
	Description:	The ID of the order
	Obligation:	Always returned
	Location:	Within the 'attributes' associative array
	Allowed value(s):	Valid order ID

<b>price</b>	Parameter name:	price
	Type:	Int
	Description:	The total price of the order, in US funds
	Obligation:	Always returned
	Location:	Within the 'attributes' associative array
	Allowed value(s):	Int

<b>create_items</b>	Parameter name:	create_items
	Type:	Array of associative arrays
	Description:	The list of items for the order. The contents of each item depend on the values of 'service', 'object_type' and 'orderitem_type'.
	Obligation:	Always returned
	Location:	Within the 'attributes' associative array
	Allowed value(s):	Values are variable; see below

<b>item_id</b>	Parameter name:	item_id
	Type:	Int

Description:	The ID of the order item
Obligation:	Always returned
Location:	Within a 'create_items' array
Allowed value(s):	Item ID

<b>status</b>	Parameter name:	status
	Type:	String
	Description:	The status of the order item
	Obligation:	Always returned
	Location:	Within a 'create_items' array
	Allowed value(s):	'validated'   'charged'

<b>price</b>	Parameter name:	price
	Type:	Int
	Description:	The pro-rated, monthly price for the account, in US funds
	Obligation:	Always returned
	Location:	Within a 'create_items' array
	Allowed value(s):	Int

<b>product_item</b>	Parameter name:	product_item
	Type:	Associative array
	Description:	Order item details
	Obligation:	Always returned
	Location:	Within a 'create_items' array
	Allowed value(s):	Values are variable; see below

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object created/modified
	Obligation:	Always returned
	Location:	Within the 'product_item' associative array
	Allowed value(s):	'account'

<b>inventory_item_id</b>	Parameter name:	inventory_item_id
	Type:	Int
	Description:	The ID of the inventory item. In the RWI 2, the inventory item is referred to as a "service sold".
	Obligation:	Always returned
	Location:	Within the 'product_item' associative array
	Allowed value(s):	Int, valid inventory item ID

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Always returned
	Location:	Within the 'product_item' associative array
	Allowed value(s):	Values are variable; see attributes below

<b>mc_action</b>	Parameter name:	mc_action
	Type:	String
	Description:	Change contract type action
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Allowed value(s):	'golive'

<b>package_name</b>	Parameter name:	package_name
	Type:	String
	Description:	The package used to create the website

Obligation:	Always returned
Location:	Within the "product_data" associative array
Allowed value(s):	Package type as submitted in request. One of: 'buscard'   'starterweb'   'personal'   'smallbus'   'ecomm'

<b>domain</b>	Parameter name:	domain
	Type:	String
	Description:	The domain for which website builder will be used. The domain is required if you want to use the photo album feature.
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	String, valid domain name

<b>language</b>	Parameter name:	language
	Type:	String
	Description:	The language in which the WSB interface will be displayed. Languages will be available according to the following dates: Currently available – English, French, Italian, Spanish, Dutch, German To Be Determined – Portuguese, Greek, Japanese, Chinese
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	Language code, as submitted in request. One of: 'en' = English   'fr' = French   'it' = Italian   'es' = Spanish   'nl' = Dutch   'de' = German

<b>lost_password_email</b>	Parameter name:	lost_password_email
	Type:	String
	Description:	The email address to which to send the 'account_password' if forgotten.
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Allowed value(s):	Email address as submitted in request

<b>ftp_server</b>	Parameter name:	ftp_server
	Type:	String
	Description:	The IP address of the server to which to FTP files. If the account will be hosted by the Reseller, the FTP information should be the same as the FTP details included in the Reseller's Brand profile. If the account is not hosted by the Reseller, this data will overwrite the FTP details in the Reseller's Brand profile.
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	IP address or FQDN, as submitted in request

<b>ftp_port</b>	Parameter name:	ftp_port
	Type:	Int
	Description:	The port on the FTP server to which FTP'd files will be sent
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	FTP port, as submitted in request

<b>ftp_default_directory</b>	Parameter name:	ftp_default_directory
	Type:	String
	Description:	The default directory location on the FTP server where FTP'd files will be sent
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	Directory on the FTP server, as submitted in request

<b>ftp_index_filename</b>	Parameter name:	ftp_index_filename
	Type:	String
	Description:	The name of the file to use as the new website's start page
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array

Allowed value(s):	FTP filename, as submitted in request
-------------------	---------------------------------------

<b>ftp_username</b>	Parameter name:	ftp_username
	Type:	String
	Description:	The username for the FTP account used to FTP files
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Allowed value(s):	FTP username, as submitted in request

<b>ftp_password</b>	Parameter name:	ftp_password
	Type:	String
	Description:	The password for the FTP account used to FTP files
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Allowed value(s):	FTP password, as submitted in request

# Upgrade Website Builder Package

This command enables you to upgrade the package associated with a Website Builder account, i.e. the type of website that can be created using that account. You cannot downgrade from one package to a lower package; only upgrades are allowed at this time.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'CREATE',
  'object' => 'ORDER',
  'requestor' => {
    'username' => 'qaone'
  },
  'attributes' => {
    'user_id' => '13486',
    'create_items' => [
      {
        'service' => 'wsb',
        'object_type' => 'account',
        'orderitem_type' => 'modcontract',
        'inventory_item_id' => '461060',
        'expiry_date' => '27-Aug-2008',
        'product_data' => {
          'package_name' => 'ecomm',
          'mc_action' => 'upgrade'
        }
      }
    ]
  }
};
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'create:reply',
  'object' => 'order',
  'session_id' => 'OSRS-582132',
  'is_success' => '1',
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'attributes' => {
    'order_id' => '475582',
    'status' => 'pending-process',
    'price' => '153',
    'contacts' => [],
    'client_reference' => '',
    'create_items' => [
      {
        'status' => 'validated',
        'item_id' => '457093',
      }
    ]
  }
};
```

```

'price' => '153',
'client_reference' => '',
'major_code' => '200',
'major_text' => 'Request completed successfully',
'product_item' => {
  'service' => 'wsb',
  'object_type' => 'account',
  'inventory_item_id' => '461060',
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'product_data' => {
    'package_name' => 'ecommm',
    'mc_action' => 'upgrade'
  },
  'contact_set' => {
    'owner' => '31798'
  }
},
'contact_set' => {
  'owner' => '31798'
}
}
]
}
};

```

### Request example – XML

```

<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="version">1.4.0</item>
        <item key="protocol">TPP</item>
        <item key="action">CREATE</item>
        <item key="object">ORDER</item>
        <item key="requestor">
          <dt_assoc>
            <item key="username">qaone</item>
          </dt_assoc>
        </item>
        <item key="attributes">
          <dt_assoc>
            <item key="user_id">13486</item>
            <item key="create_items">
              <dt_array>
                <item key="0">
                  <dt_assoc>
                    <item key="inventory_item_id">461060</item>
                    <item key="service">wsb</item>
                    <item key="orderitem_type">modcontract</item>
                    <item key="object_type">account</item>
                    <item key="expiry_date">27-Aug-2008</item>
                    <item key="product_data">
                      <dt_assoc>

```

```

        <item key="package_name">ecomm</item>
        <item key="mc_action">upgrade</item>
    </dt_assoc>
</item>
</dt_assoc>
</item>
</dt_array>
</item>
</dt_assoc>
</item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>

```

## Response example – XML

```

<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">create:reply</item>
        <item key="object">order</item>
        <item key="is_success">1</item>
        <item key="session_id">OSRS-582132</item>
        <item key="response_code">200</item>
        <item key="response_text">Request completed successfully</item>
        <item key="attributes">
          <dt_assoc>
            <item key="contacts">
              <dt_array/>
            </item>
            <item key="price">153</item>
            <item key="client_reference"/>
            <item key="status">pending-process</item>
            <item key="order_id">475582</item>
            <item key="create_items">
              <dt_array>
                <item key="0">
                  <dt_assoc>
                    <item key="price">153</item>
                    <item key="major_code">200</item>
                    <item key="client_reference"/>
                    <item key="major_text">Request completed successfully</item>
                    <item key="status">validated</item>
                    <item key="item_id">457093</item>
                    <item key="product_item">
                      <dt_assoc>
                        <item key="service">wsb</item>
                        <item key="response_text">Request completed
successfully</item>
                        <item key="object_type">account</item>
                        <item key="inventory_item_id">461060</item>

```

```
<item key="response_code">200</item>
<item key="product_data">
  <dt_assoc>
    <item key="mc_action">upgrade</item>
    <item key="package_name">ecomm</item>
  </dt_assoc>
</item>
<item key="contact_set">
  <dt_assoc>
    <item key="owner">31798</item>
  </dt_assoc>
</item>
</dt_assoc>
</item>
<item key="contact_set">
  <dt_assoc>
    <item key="owner">31798</item>
  </dt_assoc>
</item>
</dt_assoc>
</item>
</dt_array>
</item>
</dt_assoc>
</item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>
```

## Parameter definitions

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Required
	Location:	Within the Upgrade Package request
	Allowed value(s):	'create'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Required
	Location:	Within the Upgrade Package request
	Allowed value(s):	'order'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the Upgrade Package request
	Allowed value(s):	Values are variable; see attributes below.

<b>user_id</b>	Parameter name:	user_id
	Type:	Int
	Description:	The ID of the RWI 2 user creating the Brand
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Valid user ID

<b>create_items</b>	Parameter name:	create_items
	Type:	Array of associative arrays
	Description:	List of items to be created
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object to be upgraded to a new package
	Obligation:	Required
	Location:	Within a "create_items" array
	Allowed value(s):	'account'

<b>orderitem_type</b>	Parameter name:	orderitem_type
	Type:	String
	Description:	The type of order item
	Obligation:	Required
	Location:	Within a "create_items" array
	Allowed value(s):	'modcontract'

<b>inventory_item_id</b>	Parameter name:	inventory_item_id
	Type:	Int
	Description:	The ID of the inventory item (account) to be upgraded. In the RWI 2, the inventory item is referred to as a "service sold".
	Obligation:	Required
	Location:	Within a "create_items" array
	Allowed value(s):	Valid inventory item ID

<b>expiry_date</b>	Parameter name:	expiry_date
	Type:	String

Description:	Allows you to set, change, or remove an expiry date for a Website Builder account (for orders that have not yet been processed). <b>To set or change an expiry date</b> The date must be a future date, in the following format: - day must be 2 characters, i.e. 01-31 - month must be first three characters of month name, i.e. Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec - year must be in four character format, e.g. 2005 - e.g. 27-Aug-2008 <b>To remove an expiry date:</b> Submit '-1'
Obligation:	Optional
Location:	Within the 'create_items' associative array. Also permitted in the 'update_items' and 'inventory_items' arrays.
Allowed value(s):	Future date in valid format, e.g. '27-Aug-2008', or '-1' if removing an expiry date.

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	product data
	Obligation:	Required
	Location:	Within a "create_items" array
	Allowed value(s):	Values are variable; see attributes below

<b>package_name</b>	Parameter name:	package_name
	Type:	String
	Description:	The package to which to upgrade
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: 'personal'   'smallbus'   'ecomm'

<b>mc_action</b>	Parameter name:	mc_action
	Type:	String
	Description:	Change contract type action
	Obligation:	Required
	Location:	Within the "product_data" associative array

Allowed value(s):	'upgrade'
-------------------	-----------

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Always returned
	Location:	Within the Upgrade Package response
	Allowed value(s):	'create:reply'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Always returned
	Location:	Within the Upgrade Package response
	Allowed value(s):	'order'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Always returned
	Location:	Within the Upgrade Package response
	Allowed value(s):	Values are variable; see attributes below.

<b>order_id</b>	Parameter name:	order_id
	Type:	Int
	Description:	The ID of the order
	Obligation:	Always returned
	Location:	Within the "attributes" associative array

Allowed value(s):	Order ID
-------------------	----------

<b>status</b>	Parameter name:	status
	Type:	String
	Description:	The status of the order
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	'pending-process'   'charged'

<b>price</b>	Parameter name:	price
	Type:	Int
	Description:	The total price of the order, in US funds
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	Int

<b>create_items</b>	Parameter name:	create_items
	Type:	Array of associative arrays
	Description:	Created items
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable

<b>status</b>	Parameter name:	status
	Type:	String
	Description:	The status of the item
	Obligation:	Always returned
	Location:	Within a "create_items" array
	Allowed value(s):	'validated'

<b>item_id</b>	Parameter name:	item_id
	Type:	Int

Description:	The ID of the order item
Obligation:	Always returned
Location:	Within a "create_items" array
Allowed value(s):	Int

<b>price</b>	Parameter name:	price
	Type:	Int
	Description:	The total price of the order item, in US funds
	Obligation:	Always returned
	Location:	Within a "create_items" array
	Allowed value(s):	Int

<b>product_item</b>	Parameter name:	product_item
	Type:	String
	Description:	
	Obligation:	Always returned
	Location:	Within a "create_items" array
	Allowed value(s):	Values are variable; see attributes below

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object to be upgraded
	Obligation:	Always returned
	Location:	Within the "product_item" associative array
	Allowed value(s):	'account'

<b>inventory_item_id</b>	Parameter name:	inventory_item_id
	Type:	Int
	Description:	The ID of the inventory item. In the RWI 2, the inventory item is referred to as a "service sold".
	Obligation:	Always returned
	Location:	Within the "product_item" associative array

Allowed value(s):	Int
-------------------	-----

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Always returned
	Location:	Within the "product_item" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>package_name</b>	Parameter name:	package_name
	Type:	String
	Description:	The new package
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: 'personal'   'smallbus'   'ecomm' as submitted in the request

<b>mc_action</b>	Parameter name:	mc_action
	Type:	String
	Description:	Change contract type action
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Allowed value(s):	'upgrade'

# Update Account Service Details

This command enables you to change the FTP settings used by a Website Builder account. Changing these settings is useful if the account no longer uses its Brand's settings. You can also specify the domain for which the Website Builder will be used, which is required if your user wants to use the Photo Album feature.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'UPDATE',
  'object' => 'INVENTORY_ITEM',
  'requestor' => {
    'username' => 'qaone'
  },
  'attributes' => {
    'object_type' => 'account',
    'service' => 'wsb',
    'inventory_item_id' => '461060',
    'product_data' => {
      'ftp_server' => '1.2.3.4',
      'ftp_port' => '25',
      'ftp_default_directory' => '/test2',
      'ftp_index_filename' => 'index.html',
      'ftp_username' => 'user5000'
      'ftp_password' => 'secret'
      'domain' => 'example.com'
      'account_password' => 'secret'
    }
  }
};
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'update:reply',
  'object' => 'inventory_item',
  'session_id' => 'OSRS-582162',
  'is_success' => '1',
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'attributes' => {
    'service' => 'wsb',
    'response_text' => 'Request completed successfully',
    'response_code' => '200',
    'product_data' => {
      'ftp_server' => '1.2.3.4',
      'ftp_port' => '25',
      'ftp_default_directory' => '/test2',
      'ftp_index_filename' => 'index.html',
      'ftp_username' => 'user5000'
      'ftp_password' => 'secret'
    }
  }
};
```

```

        'domain' => 'example.com'
        'account_password' => 'secret'
    }
}
};

```

### Request example – XML

```

<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">UPDATE</item>
        <item key="object">INVENTORY_ITEM</item>
        <item key="requestor">
          <dt_assoc>
            <item key="username">qaone</item>
          </dt_assoc>
        </item>
        <item key="attributes">
          <dt_assoc>
            <item key="inventory_item_id">461060</item>
            <item key="service">wsb</item>
            <item key="object_type">account</item>
            <item key="product_data">
              <dt_assoc>
                <item key="ftp_username">user5000</item>
                <item key="ftp_default_directory">/test2</item>
                <item key="ftp_port">25</item>
                <item key="ftp_index_filename">index.html</item>
                <item key="ftp_server">1.2.3.4</item>
                <item key="ftp_password">secret</item>
                <item key="domain">example.com</item>
                <item key="account_password">secret</item>
              </dt_assoc>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>

```

### Response example – XML

```

<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>

```

```
<item key="object">inventory_item</item>
<item key="protocol">TPP</item>
<item key="action">update:reply</item>
<item key="response_text">Request completed successfully</item>
<item key="response_code">200</item>
<item key="is_success">1</item>
<item key="session_id">OSRS-582162</item>
<item key="version">1.4.0</item>
<item key="attributes">
  <dt_assoc>
    <item key="service">wsb</item>
    <item key="response_text">Request completed successfully</item>
    <item key="response_code">200</item>
    <item key="product_data">
      <dt_assoc>
        <item key="ftp_index_filename">index.html</item>
        <item key="ftp_default_directory">/test2</item>
        <item key="ftp_username">user5000</item>
        <item key="ftp_server">1.2.3.4</item>
        <item key="ftp_port">25</item>
        <item key="ftp_password">secret</item>
        <item key="domain">example.com</item>
        <item key="account_password">secret</item>
      </dt_assoc>
    </item>
  </dt_assoc>
</item>
</data_block>
</body>
</OPS_envelope>
```

## Parameter definitions

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed: upgrade / downgrade order
	Obligation:	Required
	Location:	Within the Update Account Service Details request
	Allowed value(s):	'update'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon: the object to be created
	Obligation:	Required
	Location:	Within the Update Account Service Details request
	Allowed value(s):	'inventory_item'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the Update Account Service Details request
	Allowed value(s):	Values are variable; see attributes below.

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object to be updated
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	'account'

<b>inventory_item_id</b>	Parameter name:	inventory_item_id
	Type:	Int
	Description:	The ID of the inventory item to be upgraded. In the RWI 2, the inventory item is referred to as a "service sold".
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Valid inventory ID of the item to update

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Required
	Location:	Within a "attributes" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>ftp_server</b>	Parameter name:	ftp_server
	Type:	String
	Description:	The new IP address or FQDN of the web server to which to FTP files
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	Valid IP address or FQDN, 1 - 100 characters, all characters are allowed except for " \ { }

<b>ftp_port</b>	Parameter name:	ftp_port
	Type:	Int
	Description:	The new port on the FTP server to which FTP'd files will be sent
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	Valid FTP port, 0 - 4 characters

<b>ftp_default_directory</b>	Parameter name:	ftp_default_directory
	Type:	String

Description:	The new default directory location on the FTP server where FTP'd files will be sent
Obligation:	Optional
Location:	Within the "product_data" associative array
Allowed value(s):	Valid directory on the FTP server, 0 - 200 characters

<b>ftp_index_filename</b>	Parameter name:	ftp_index_filename
	Type:	String
	Description:	The new name of the file to use as the website's start page
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: index.html   index.htm   default.html   default.htm

<b>ftp_username</b>	Parameter name:	ftp_username
	Type:	String
	Description:	The username for the FTP account used to FTP files
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	String, 0 - 50 characters, all characters are allowed except for " \ { }

<b>ftp_password</b>	Parameter name:	ftp_password
	Type:	String
	Description:	The password for the FTP account used to FTP files
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	String, all characters are allowed except for " \ { }

<b>domain</b>	Parameter name:	domain
	Type:	String
	Description:	The domain for which website builder will be used. The domain is required if you want to use the photo album feature.

Obligation:	Optional
Location:	Within the "product_data" associative array
Allowed value(s):	String, valid domain name

<b>account_password</b>	Parameter name:	account_password
	Type:	String
	Description:	The password that will be used with the 'account_username' to access the WSB interface to create the website
	Obligation:	Optional
	Location:	Within the "product_data" associative array
	Allowed value(s):	Alphanumeric string (no special characters or spaces), 3 - 256 characters

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Always returned
	Location:	Within the Update Account Service Details response
	Allowed value(s):	'create:reply'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Always returned
	Location:	Within the Update Account Service Details response
	Allowed value(s):	'order'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array

Description:	Attributes
Obligation:	Always returned
Location:	Within the Update Account Service Details response
Allowed value(s):	Values are variable; see attributes below

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable; see below

<b>ftp_server</b>	Parameter name:	ftp_server
	Type:	String
	Description:	The IP address of the server to which to FTP files. If the account will be hosted by the Reseller, the FTP information should be the same as the FTP details included in the Reseller's Brand profile. If the account is not hosted by the Reseller, this data will overwrite the FTP details in the Reseller's Brand profile.
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	IP address or FQDN, as submitted in request

<b>ftp_port</b>	Parameter name:	ftp_port
	Type:	Int
	Description:	The port on the FTP server to which FTP'd files will be sent
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	FTP port, as submitted in request

<b>ftp_default_directory</b>	Parameter name:	ftp_default_directory
	Type:	String
	Description:	The default directory location on the FTP server where FTP'd files will be sent

Obligation:	Returned if submitted in the request
Location:	Within the "product_data" associative array
Allowed value(s):	Directory on the FTP server, as submitted in request

<b>ftp_index_filename</b>	Parameter name:	ftp_index_filename
	Type:	String
	Description:	The name of the file to use as the new website's start page
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	FTP filename, as submitted in request

<b>ftp_username</b>	Parameter name:	ftp_username
	Type:	String
	Description:	The username for the FTP account used to FTP files
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	FTP username, as submitted in request

<b>ftp_password</b>	Parameter name:	ftp_password
	Type:	String
	Description:	The password for the FTP account used to FTP files
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	FTP password, as submitted in request

<b>domain</b>	Parameter name:	domain
	Type:	String
	Description:	The domain for which website builder will be used. The domain is required if you want to use the photo album feature.
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	String, valid domain name

<b>account_password</b>	Parameter name:	account_password
	Type:	String
	Description:	The password that will be used with the 'account_username' to access the WSB interface to create the website
	Obligation:	Returned if submitted in the request
	Location:	Within the "product_data" associative array
	Allowed value(s):	Account password, as submitted in request

# Change Account Expiration Settings

You can also use this command to change an account's expiration settings, including requesting a renewal reminder to notify the user when their account is about to expire, and assigning, changing, and removing an expiry.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'object' => 'inventory_item',
  'version' => '1.4',
  'action' => 'update',
  'requestor' => {
    'username' => 'default_user'
  },
  'attributes' => {
    'user_id' => '9522',
    'inventory_items' => [
      {
        'renewal_msg_flag' => '1',
        'expiry_date' => '12-Dec-2006',
        'service' => 'wsb',
        'inventory_item_id' => '22922'
      },
      {
        'expiry_date' => '-1',
        'service' => 'wsb',
        'inventory_item_id' => '22930'
      }
    ]
  }
};
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'UPDATE:REPLY',
  'object' => 'INVENTORY_ITEM',
  'session_id' => 'OSRS-5623335',
  'response_code' => '200',
  'is_success' => '1',
  'response_text' => 'Request completed successfully',
  'attributes' => {
    'inventory_items' => [
      {
        'response_text' => 'Request completed successfully',
        'response_code' => '200',
        'service' => 'wsb',
        'inventory_item_id' => '22922'
      },
      {
        'response_text' => 'Request completed successfully',
        'response_code' => '200',

```

```

        'service' => 'wsb',
        'inventory_item_id' => '22930'
    }
}
];

```

### Request example – XML

```

<?xml version='1.0' encoding='UTF-8'?>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key='protocol'>TPP</item>
        <item key='version'>1.4</item>
        <item key='action'>update</item>
        <item key='object'>inventory_item</item>
        <item key='requestor'>
          <dt_assoc>
            <item key='username'>default_user</item>
          </dt_assoc>
        </item>
        <item key='attributes'>
          <dt_assoc>
            <item key='user_id'>9522</item>
            <item key='inventory_items'>
              <dt_array>
                <item key='0'>
                  <dt_assoc>
                    <item key='service'>wsb</item>
                    <item key='inventory_item_id'>22922</item>
                    <item key='expiry_date'>12-Dec-2006</item>
                    <item key='renewal_msg_flag'>1</item>
                  </dt_assoc>
                </item>
                <item key='1'>
                  <dt_assoc>
                    <item key='service'>wsb</item>
                    <item key='inventory_item_id'>22930</item>
                    <item key='expiry_date'>-1</item>
                  </dt_assoc>
                </item>
              </dt_array>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>

```

### Response example – XML

```

<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>

```

```

    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key='response_code'>200</item>
        <item key='version'>1.4.0</item>
        <item key='action'>UPDATE:REPLY</item>
        <item key='is_success'>1</item>
        <item key='session_id'>OSRS-5623335</item>
        <item key='protocol'>TPP</item>
        <item key='object'>INVENTORY_ITEM</item>
        <item key='response_text'>Request completed successfully</item>
        <item key='attributes'>
          <dt_assoc>
            <item key='inventory_items'>
              <dt_array>
                <item key='0'>
                  <dt_assoc>
                    <item key='inventory_item_id'>22922</item>
                    <item key='service'>wsb</item>
                    <item key='response_text'>Request completed
successfully</item>
                  </dt_assoc>
                </item>
                <item key='1'>
                  <dt_assoc>
                    <item key='inventory_item_id'>22930</item>
                    <item key='service'>wsb</item>
                    <item key='response_text'>Request completed
successfully</item>
                  </dt_assoc>
                </item>
              </dt_array>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>

```

## Parameter definitions

The command to change Website Builder account expiration settings uses standard request and response keys. Keys that are specific to this command are described below.

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'update'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'inventory_item'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	Values are variable; see attributes below.

<b>user_id</b>	Parameter name:	user_id
	Type:	Int
	Description:	The ID of the user provisioning the service

Obligation:	Required
Location:	Within the "attributes" associative array
Allowed value(s):	Int, valid user ID

<b>inventory_items</b>	Parameter name:	inventory_items
	Type:	Array of arrays
	Description:	List that identifies the inventory items to update
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the product to be updated
	Obligation:	Required
	Location:	Within the "inventory_items" array
	Allowed value(s):	For modifying a Website Builder account, this value should be 'wsb'

<b>inventory_item_id</b>	Parameter name:	inventory_item_id
	Type:	Int
	Description:	The inventory item ID of the account that you want to modify
	Obligation:	Required
	Location:	Within the "attributes" array
	Allowed value(s):	Int, valid inventory item ID

<b>expiry_date</b>	Parameter name:	expiry_date
	Type:	String

Description:	<p>Allows you to add, change, or remove an expiry date on an existing account.</p> <p><b>To set or change an expiry date:</b>  The date specified must be a future date, in the following format:  - the day must be 2 characters, i.e. "01"- "31"  - the month must be the first three characters of the month name, i.e. Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec  - the year must be in four character format, e.g. 2005  - e.g. 27-Aug-2008</p> <p><b>To remove an expiry date:</b> Submit '-1'</p>
Obligation:	Optional
Location:	Within the "inventory_items" array
Allowed value(s):	Future date in valid format, e.g. '27-Aug-2008', or '-1' if removing an expiry date.

<b>renewal_msg_flag</b>	Parameter name:	renewal_msg_flag
	Type:	Integer
	Description:	<p>Activates or deactivates the renewal message sent to end users to notify them that their service is about to expire. If activated, renewal reminders are sent 10 days prior to expiry date.</p> <p>This flag can only be applied to active services; it cannot be applied to services that are expired or in suspended state.</p>
	Obligation:	Optional
	Location:	Within the "inventory_items" array
	Allowed value(s):	1   0 1 = activate renewal reminder 0 = deactivate renewal reminder

# Export Site

The export site command converts the website's content to editable HTML format, and then generates a .zip file of the site. The user can then download the .zip file from their Website Builder tool. A fee is charged for each export operation.

**Note:** Exporting a site is not the same as canceling the Website Builder service. Unless you cancel the service for a particular account, the account will continue to be billed for the Website Builder service even after the site has been exported.

## Constraints and considerations

- In order for your users to export their website, the account with which it was created must be active. You cannot export a trial website.
- If your website uses a package that publishes in HTML only, the export function is not available or necessary.
- Each Website Builder package has a corresponding price for exporting websites. For example, exporting a personal website will have a different price than exporting a small business website.
- The website export is done at the time of the request. If the end user makes any changes to their site after the export order is processed, the changes will not be reflected in the exported site. To acquire any changes made after the website has been exported, you will have to re-export the site, and incur the corresponding cost again.
- If the Website Builder service is canceled immediately after you export the website, you may not be able to download the exported file.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'CREATE',
  'object' => 'ORDER',
  'requestor' => {
    'username' => 'qaone'
  },
  'attributes' => {
    'user_id' => '13486',
    'create_items' => [
      {
        'service' => 'wsb',
        'object_type' => 'account',
        'orderitem_type' => 'nonrecurringcharge',
        'inventory_item_id' => '461055',
        'product_data' => {
          'nrc_action' => 'export',
          'package_name' => 'ecommm'
        }
      }
    ]
  }
}
```

```
    ]
  }
};
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'create:reply',
  'object' => 'order',
  'session_id' => 'OSRS-582085',
  'is_success' => '1',
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'attributes' => {
    'client_reference' => '',
    'status' => 'pending-process',
    'order_id' => '475571',
    'price' => '3500',
    'contacts' => [],
    'create_items' => [
      {
        'client_reference' => '',
        'status' => 'validated',
        'major_code' => '200',
        'price' => '3500',
        'major_text' => 'Request completed successfully',
        'item_id' => '457084',
        'contact_set' => {
          'owner' => '31798'
        },
        'product_item' => {
          'object_type' => 'account',
          'response_text' => 'Request completed successfully',
          'response_code' => '200',
          'service' => 'wsb',
          'inventory_item_id' => '461055',
          'product_data' => {
            'nrc_action' => 'export',
            'package_name' => 'ecomm'
          },
          'contact_set' => {
            'owner' => '31798'
          }
        }
      }
    ]
  }
};
```

### Request example – XML

```
<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
```

```

<dt_assoc>
  <item key="protocol">TPP</item>
  <item key="version">1.4.0</item>
  <item key="action">CREATE</item>
  <item key="object">ORDER</item>
  <item key="requestor">
    <dt_assoc>
      <item key="username">qaone</item>
    </dt_assoc>
  </item>
  <item key="attributes">
    <dt_assoc>
      <item key="user_id">13486</item>
      <item key="create_items">
        <dt_array>
          <item key="0">
            <dt_assoc>
              <item key="inventory_item_id">461055</item>
              <item key="service">wsb</item>
              <item key="product_data">
                <dt_assoc>
                  <item key="nrc_action">export</item>
                  <item key="package_name">ecomm</item>
                </dt_assoc>
              </item>
              <item key="orderitem_type">nonrecurringcharge</item>
              <item key="object_type">account</item>
            </dt_assoc>
          </item>
        </dt_array>
      </item>
    </dt_assoc>
  </item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>

```

## Response example – XML

```

<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">create:reply</item>
        <item key="object">order</item>
        <item key="is_success">1</item>
        <item key="session_id">OSRS-582085</item>
        <item key="response_text">Request completed successfully</item>
        <item key="response_code">200</item>
        <item key="attributes">
          <dt_assoc>
            <item key="price">3500</item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>

```

```

<item key="client_reference"/>
<item key="status">pending-process</item>
<item key="order_id">475571</item>
<item key="contacts">
  <dt_array/>
</item>
<item key="create_items">
  <dt_array>
    <item key="0">
      <dt_assoc>
        <item key="price">3500</item>
        <item key="major_code">200</item>
        <item key="client_reference"/>
        <item key="major_text">Request completed successfully</item>
        <item key="status">validated</item>
        <item key="item_id">457084</item>
        <item key="product_item">
          <dt_assoc>
            <item key="service">wsb</item>
            <item key="response_text">Request completed
successfully</item>
          </dt_assoc>
        </item>
        <item key="object_type">account</item>
        <item key="inventory_item_id">461055</item>
        <item key="response_code">200</item>
        <item key="product_data">
          <dt_assoc>
            <item key="nrc_action">export</item>
            <item key="package_name">ecomm</item>
          </dt_assoc>
        </item>
        <item key="contact_set">
          <dt_assoc>
            <item key="owner">31798</item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </item>
  </dt_array>
</item>
</dt_assoc>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>

```

## Parameter definitions

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed: process initial fee
	Obligation:	Required
	Location:	Within the Export Site request
	Allowed value(s):	'create'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Required
	Location:	Within the Export Site request
	Allowed value(s):	'order'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the Export Site request
	Allowed value(s):	Values are variable; see attributes below.

<b>user_id</b>	Parameter name:	user_id
	Type:	Int
	Description:	The ID of the RWI 2 user creating the Brand
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Valid user ID

<b>create_items</b>	Parameter name:	create_items
	Type:	Array of associative arrays
	Description:	The list of items for the order. The contents of each item depend on the values of 'service', 'object_type' and 'orderitem_type'.
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object provisioned by the service. For processing a Website Builder account, this is 'account'.
	Obligation:	Required
	Location:	Within the
	Allowed value(s):	'account'

<b>orderitem_type</b>	Parameter name:	orderitem_type
	Type:	String
	Description:	The type of the order item. For processing an initial fee, this is 'nonrecurringcharge'.
	Obligation:	Required
	Location:	Within the "create_items" array
	Allowed value(s):	'nonrecurringcharge'

<b>inventory_item_id</b>	Parameter name:	inventory_item_id
	Type:	Int
	Description:	The ID of the inventory item to export. In the RWI 2, the inventory item is referred to as a "service sold".
	Obligation:	Required
	Location:	Within the "create_items" array
	Allowed value(s):	Valid inventory item ID

<b>product_data</b>	Parameter name:	product_data
---------------------	-----------------	--------------

Type:	Associative array
Description:	Product data
Obligation:	Required
Location:	Within the "create_items" associative array
Allowed value(s):	Values are variable; see attributes below

<b>nrc_action</b>	Parameter name:	nrc_action
	Type:	String
	Description:	The export site action
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	'export'

<b>package_name</b>	Parameter name:	package_name
	Type:	String
	Description:	The package for which the fee is being processed
	Obligation:	Required
	Location:	Within the "product_data" associative array
	Allowed value(s):	One of: 'buscard'   'starterweb'   'personal'   'smallbus'   'ecomm'

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action performed
	Obligation:	Always returned
	Location:	Within the Export Site response
	Allowed value(s):	'create:reply'

<b>object</b>	Parameter name:	object
---------------	-----------------	--------

Type:	String
Description:	The object acted upon
Obligation:	Always returned
Location:	Within the Export Site response
Allowed value(s):	'order'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Always returned
	Location:	Within the Export Site response
	Allowed value(s):	Values are variable; see attributes below.

<b>status</b>	Parameter name:	status
	Type:	String
	Description:	The status of the order (account)
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	'pending-process'   'charged'

<b>order_id</b>	Parameter name:	order_id
	Type:	Int
	Description:	The ID of the order
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	Int

<b>price</b>	Parameter name:	price
	Type:	Int
	Description:	The total price of the order, in US funds
	Obligation:	Always returned
	Location:	Within the "attributes" associative array

Allowed value(s):	Int
-------------------	-----

<b>create_items</b>	Parameter name:	create_items
	Type:	Array of associative arrays
	Description:	The individual results of creating each order item
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable

<b>item_id</b>	Parameter name:	item_id
	Type:	Int
	Description:	The order item ID for which the initial fee is being processed
	Obligation:	Always returned
	Location:	Within the "create_items" associative array
	Allowed value(s):	Int

<b>status</b>	Parameter name:	status
	Type:	String
	Description:	The status of the order item
	Obligation:	Always returned
	Location:	Within the "create_items" associative array
	Allowed value(s):	'validated'

<b>price</b>	Parameter name:	price
	Type:	Int
	Description:	The price of the order item, in US funds
	Obligation:	Always returned
	Location:	Within the "create_items" associative array
	Allowed value(s):	Int

<b>product_item</b>	Parameter name:	product_item
---------------------	-----------------	--------------

Type:	Associative array
Description:	Order item details
Obligation:	Always returned
Location:	Within the "create_items" associative array
Allowed value(s):	Values are variable

<b>object_type</b>	Parameter name:	object_type
	Type:	Int
	Description:	The type of object for fee processing
	Obligation:	Always returned
	Location:	Within the "product_item" associative array
	Allowed value(s):	'account'

<b>inventory_item_id</b>	Parameter name:	inventory_item_id
	Type:	Int
	Description:	The ID of the inventory item. In the RWI 2, the inventory item is referred to as a "service sold".
	Obligation:	Always returned
	Location:	Within the "product_item" associative array
	Allowed value(s):	Int

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	product data
	Obligation:	Always returned
	Location:	Within the "product_item" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>nrc_action</b>	Parameter name:	nrc_action
	Type:	String
	Description:	The export site action
	Obligation:	Always returned

Location:	Within the "product_data" associative array
Allowed value(s):	'export'

<b>package_name</b>	Parameter name:	package_name
	Type:	String
	Description:	The package that will be used to create the website.
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Allowed value(s):	Package type as submitted in request. One of: 'buscard'   'starterweb'   'personal'   'smallbus'   'ecomm'

# Suspend Website Builder Account

When a Website Builder account is suspended, the user will still be able to access the tool, but they will not be able to publish any of their work to their website. All work in progress is saved so that if the account is reactivated, the user will be able to publish it.

When submitting this command, the list of accounts to be suspended should be an array of hashes containing a single element: "inventory\_item\_id". If you only want to suspend a single account, you still need to use this list structure.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'object' => 'inventory_item',
  'version' => '1.4.0',
  'action' => 'suspend',
  'requestor' => {
    'username' => 'default_user'
  },
  'attributes' => {
    'user_id' => '9522',
    'inventory_items' => [
      {
        'service' => 'wsb',
        'inventory_item_id' => '22922'
      }
    ]
  }
};
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'session_id' => 'OSRS-5623396',
  'object' => 'INVENTORY_ITEM',
  'version' => '1.4.0',
  'response_code' => '200',
  'is_success' => '1',
  'response_text' => 'Request completed successfully',
  'action' => 'SUSPEND:REPLY',
  'attributes' => {
    'inventory_items' => [
      {
        'response_text' => 'Request completed successfully',
        'response_code' => '200',
        'service' => 'wsb',
        'inventory_item_id' => '22922'
      }
    ]
  }
};
```

## Request example – XML

```
<?xml version='1.0' encoding='UTF-8'?>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key='protocol'>TPP</item>
        <item key='version'>1.4.0</item>
        <item key='action'>suspend</item>
        <item key='object'>inventory_item</item>
        <item key='requestor'>
          <dt_assoc>
            <item key='username'>default_user</item>
          </dt_assoc>
        </item>
        <item key='attributes'>
          <dt_assoc>
            <item key='user_id'>9522</item>
            <item key='inventory_items'>
              <dt_array>
                <item key='0'>
                  <dt_assoc>
                    <item key='service'>wsb</item>
                    <item key='inventory_item_id'>22922</item>
                  </dt_assoc>
                </item>
              </dt_array>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>
```

## Response example – XML

```
<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key='protocol'>TPP</item>
        <item key='version'>1.4.0</item>
        <item key='action'>SUSPEND:REPLY</item>
        <item key='object'>INVENTORY_ITEM</item>
        <item key='is_success'>1</item>
        <item key='session_id'>OSRS-5623396</item>
        <item key='response_code'>200</item>
        <item key='response_text'>Request completed successfully</item>
        <item key='attributes'>
```

```
<dt_assoc>
  <item key='inventory_items'>
    <dt_array>
      <item key='0'>
        <dt_assoc>
          <item key='inventory_item_id'>22922</item>
          <item key='service'>wsb</item>
          <item key='response_text'>Request completed
successfully</item>
          <item key='response_code'>200</item>
        </dt_assoc>
      </item>
    </dt_array>
  </item>
</dt_assoc>
</item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>
```

## Parameter definitions

The command to suspend Website Builder accounts uses standard request and response keys. Keys that are specific to this command are described below.

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'suspend'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'inventory_item'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	Values are variable; see attributes below.

<b>user_id</b>	Parameter name:	user_id
	Type:	Int

Description:	The ID of the user provisioning the service
Obligation:	Required
Location:	Within the "attributes" associative array
Allowed value(s):	Int, valid user ID

<b>inventory_items</b>	Parameter name:	inventory_items
	Type:	Array of arrays
	Description:	List that identifies the inventory items to suspend
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the product to be suspended
	Obligation:	Required
	Location:	Within the "inventory_items" array
	Allowed value(s):	For suspending a Website Builder account, this value should be 'wsb'

<b>inventory_item_id</b>	Parameter name:	inventory_item_id
	Type:	Int
	Description:	The inventory item ID of the account that you want to suspend
	Obligation:	Required
	Location:	Within the "attributes" array
	Allowed value(s):	Int, valid inventory item ID

# Reactivate Website Builder Account

The activate command allows you to reactivate a Website Builder account that has expired or been suspended – suspended due to insufficient funds in the Reseller account, or suspended by the Reseller using the Suspend Website Builder Account command.

If an expired account is reactivated, the new expiry date will be one year from the reactivation date.

**Note:** If you reactivate a service on the same day that it was suspended, the reactivation charge may not appear on your Reseller account until the following business day.

When submitting this command, the list of accounts to be reactivated should be an array of hashes containing a single element: "inventory\_item\_id". If you only want to suspend a single account, you still need to use this list structure.

## Examples

Request example - PERL

```
{
  'protocol' => 'TPP',
  'object' => 'inventory_item',
  'version' => '1.4.0',
  'action' => 'activate',
  'requestor' => {
    'username' => 'default_user'
  },
  'attributes' => {
    'user_id' => '9522',
    'inventory_items' => [
      {
        'service' => 'wsb',
        'inventory_item_id' => '22922'
      }
    ]
  }
};
```

Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'ACTIVATE:REPLY',
  'object' => 'INVENTORY_ITEM',
  'session_id' => 'OSRS-5623420',
  'is_success' => '1',
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'attributes' => {
    'inventory_items' => [
      {
        'response_text' => 'Request completed successfully',
```

```

        'response_code' => '200',
        'service' => 'wsb',
        'inventory_item_id' => '22922'
    }
  ]
}
};

```

### Request example – XML

```

<?xml version='1.0' encoding='UTF-8'?>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key='protocol'>TPP</item>
        <item key='version'>1.4.0</item>
        <item key='action'>activate</item>
        <item key='object'>inventory_item</item>
        <item key='requestor'>
          <dt_assoc>
            <item key='username'>default_user</item>
          </dt_assoc>
        </item>
        <item key='attributes'>
          <dt_assoc>
            <item key='user_id'>9522</item>
            <item key='inventory_items'>
              <dt_array>
                <item key='0'>
                  <dt_assoc>
                    <item key='service'>wsb</item>
                    <item key='inventory_item_id'>22922</item>
                  </dt_assoc>
                </item>
              </dt_array>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>

```

### Response example – XML

```

<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key='protocol'>TPP</item>
        <item key='version'>1.4.0</item>
        <item key='action'>ACTIVATE:REPLY</item>

```

```

<item key='object'>INVENTORY_ITEM</item>
<item key='is_success'>1</item>
<item key='session_id'>OSRS-5623420</item>
<item key='response_code'>200</item>
<item key='response_text'>Request completed successfully</item>
<item key='attributes'>
  <dt_assoc>
    <item key='inventory_items'>
      <dt_array>
        <item key='0'>
          <dt_assoc>
            <item key='inventory_item_id'>22922</item>
            <item key='service'>wsb</item>
            <item key='response_text'>Request completed
successfully</item>
          <item key='response_code'>200</item>
          </dt_assoc>
        </item>
      </dt_array>
    </item>
  </dt_assoc>
</item>
</data_block>
</body>
</OPS_envelope>

```

## Parameter definitions

The command to suspend Website Builder accounts uses standard request and response keys. Keys that are specific to this command are described below.

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'activate'

<b>object</b>	Parameter name:	object
	Type:	String

Description:	The object acted upon
Obligation:	Required
Location:	Within the request
Allowed value(s):	'inventory_item'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	Values are variable; see attributes below.

<b>user_id</b>	Parameter name:	user_id
	Type:	Int
	Description:	The ID of the user provisioning the service
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Int, valid user ID

<b>inventory_items</b>	Parameter name:	inventory_items
	Type:	Array of arrays
	Description:	List that identifies the inventory items to activate
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the product to be activated
	Obligation:	Required
	Location:	Within the "inventory_items" array
	Allowed value(s):	For activating a Website Builder account, this value

	should be 'wsb'
--	-----------------

<b>inventory_item_id</b>	Parameter name:	inventory_item_id
	Type:	Int
	Description:	The inventory item ID of the account that you want to activate
	Obligation:	Required
	Location:	Within the "attributes" array
	Allowed value(s):	Int, valid inventory item ID

# Cancel Website Builder Account

This command enables you to cancel a Website Builder account. Canceled accounts will no longer be able to access the Website Builder tool to maintain the website created with the account. Once a site is published, it remains on the web-hosting server; however, since there are some features that require an active account to function, the website may not work properly.

**Note:** Before canceling an account, it is a good idea to export the website in order to obtain a copy of the site. See the Export Site command.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'DELETE',
  'object' => 'INVENTORY_ITEM',
  'requestor' => {
    'username' => 'qaone'
  },
  'attributes' => {
    'inventory_items' => [
      {
        'service' => 'wsb',
        'inventory_item_id' => '461055'
      }
    ]
  }
};
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'delete:reply',
  'object' => 'inventory_item',
  'session_id' => 'OSRS-582138',
  'is_success' => '1',
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'attributes' => {
    'inventory_items' => [
      {
        'response_text' => 'Request completed successfully',
        'response_code' => '200',
        'service' => 'wsb',
        'inventory_item_id' => '461055'
      }
    ]
  }
};
```

## Request example – XML

```
<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">DELETE</item>
        <item key="object">INVENTORY_ITEM</item>
        <item key="requestor">
          <dt_assoc>
            <item key="username">qaone</item>
          </dt_assoc>
        </item>
        <item key="attributes">
          <dt_assoc>
            <item key="inventory_items">
              <dt_array>
                <item key="0">
                  <dt_assoc>
                    <item key="inventory_item_id">461055</item>
                    <item key="service">wsb</item>
                  </dt_assoc>
                </item>
              </dt_array>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>
```

## Response example – XML

```
<?xml version='1.0' encoding='UTF-8' standalone='no'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">delete:reply</item>
        <item key="object">inventory_item</item>
        <item key="is_success">1</item>
        <item key="session_id">OSRS-582138</item>
        <item key="response_text">Request completed successfully</item>
        <item key="response_code">200</item>
        <item key="attributes">
          <dt_assoc>
```

```
<item key="inventory_items">
  <dt_array>
    <item key="0">
      <dt_assoc>
        <item key="service">wsb</item>
        <item key="response_text">Request completed
successfully</item>
        <item key="inventory_item_id">461055</item>
        <item key="response_code">200</item>
      </dt_assoc>
    </item>
  </dt_array>
</item>
</dt_assoc>
</item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>
```

## Parameter definitions

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed: delete
	Obligation:	Required
	Location:	Within the Cancel Account request
	Allowed value(s):	'delete'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Required
	Location:	Within the Cancel Account request
	Allowed value(s):	'inventory_item'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the Cancel Account request
	Allowed value(s):	Values are variable; see attributes below.

<b>inventory_items</b>	Parameter name:	inventory_items
	Type:	Array of associative arrays
	Description:	List of the inventory items to delete
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>inventory_item_id</b>	Parameter name:	inventory_item_id
	Type:	Int
	Description:	The ID of the inventory item (WSB account) to delete. In the RWI 2, the inventory item is referred to as a "service sold".
	Obligation:	Required
	Location:	Within the "inventory_items" array
	Allowed value(s):	Valid inventory item ID

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action performed
	Obligation:	Always returned
	Location:	Within the Cancel Account response
	Allowed value(s):	'delete:reply'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Always returned
	Location:	Within the Cancel Account response
Allowed value(s):	'inventory_item'	

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Always returned
	Location:	Within the Cancel Account response
	Allowed value(s):	Values are variable; see attributes below.

<b>inventory_items</b>	Parameter name:	inventory_items
	Type:	Array of associative arrays
	Description:	List of the inventory deleted items
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable; see attributes below

<b>inventory_item_id</b>	Parameter name:	inventory_item_id
	Type:	Int
	Description:	The ID of the deleted inventory item (WSB account), as submitted in the request. In the RWI 2, the inventory item is referred to as a "service sold".
	Obligation:	Always returned
	Location:	Within the "inventory_items" array
	Allowed value(s):	Inventory item ID

# Get Website Builder Account Password

This command retrieves the password for a Website Builder account in your Reseller profile.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4',
  'action' => 'check'
  'object' => 'wsb.account_password',
  'requestor' => {
    'username' => 'qaone'
  },
  'attributes' => {
    'service' => 'wsb',
    'product_data' => {
      'account_username' => 'support'
    }
  }
}
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'CHECK:REPLY',
  'object' => 'WSB.ACCOUNT_PASSWORD',
  'session_id' => 'OSRS-736239',
  'is_success' => '0',
  'response_code' => '200',
  'response_text' => 'Request completed successfully;',
  'attributes' => {
    'service' => 'wsb',
    'object_type' => 'wsb.account_password',
    'response_code' => '200',
    'response_text' => 'Request completed successfully;',
    'product_data' => {
      'account_password' => 'Support'
    }
  }
}
```

### Request example – XML

```
<?xml version='1.0' encoding="UTF-8" standalone="no" ?>
<!DOCTYPE OPS_envelope SYSTEM "ops.dtd">
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
```

```

<body>
  <data_block>
    <dt_assoc>
      <item key="protocol">TPP</item>
      <item key="version">1.4</item>
      <item key="action">CHECK</item>
      <item key="object">WSB.ACCOUNT_PASSWORD</item>
      <item key="requestor">
        <dt_assoc>
          <item key="username">qaone</item>
        </dt_assoc>
      </item>
      <item key="attributes">
        <dt_assoc>
          <item key="service">wsb</item>
          <item key="product_data">
            <dt_assoc>
              <item key="account_username">support</item>
            </dt_assoc>
          </item>
        </dt_assoc>
      </item>
    </dt_assoc>
  </data_block>
</body>
</OPS_envelope>

```

## Response example – XML

```

<?xml version='1.0' encoding='UTF-8'?>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">check:reply</item>
        <item key="object">wsb.account_password</item>
        <item key="session_id">OSRS-735276</item>
        <item key="is_success">1</item>
        <item key="response_code">200</item>
        <item key="response_text">Request completed successfully</item>
        <item key="attributes">
          <dt_assoc>
            <item key="service">wsb</item>
            <item key="object_type">wsb.account_password</item>
            <item key="response_code">200</item>
            <item key="response_text">Request completed successfully</item>
            <item key="product_data">
              <dt_assoc>
                <item key="account_password">Support</item>
              </dt_assoc>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>

```

```
</body>  
</OPS_envelope>
```

## Parameter definitions

This command uses standard request and response keys. Keys that are specific to this command are described below.

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'check'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'wsb.account_password'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	Values are variable; see attributes below

<b>service</b>	Parameter name:	service
	Type:	String

Description:	The service provisioning the product
Obligation:	Required
Location:	Within the "attributes" associative array
Allowed value(s):	'wsb'

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	"account_username" key

<b>account_username</b>	Parameter name:	account_username
	Type:	String
	Description:	The Website Builder account's username
	Obligation:	Required
	Location:	Within the "product_data" array
	Allowed value(s):	Valid Website Builder account username

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action performed
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	'check:reply'

<b>object</b>	Parameter name:	object
	Type:	String

Description:	The object acted upon
Obligation:	Always returned
Location:	Within the response
Value(s):	'wsb.account_password'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	Values are variable; see attributes below

<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the product
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	'wsb'

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	'wsb.account_password'

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	"account_password" key

<b>account_password</b>	Parameter name:	account_password
	Type:	String
	Description:	The password for the Website Builder account
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Value(s):	Website Builder password

# Set Lost Password Email

This command allows you to assign a lost password email address to a Website Builder account. This is the email address to which the password will be sent if that user requests their password if they have forgotten it.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4',
  'action' => 'manage',
  'object' => 'wsb.set_email_forgot_password',
  'requestor' => {
    'username' => 'qaone'
  },
  'attributes' => {
    'service' => 'wsb',
    'product_data' => {
      'account_username' => 'follow',
      'email' => 'user@example.com'
    }
  }
}
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'MANAGE:REPLY',
  'object' => 'WSB.SET_EMAIL_FORGOT_PASSWORD',
  'session_id' => 'OSRS-736303',
  'is_success' => '1',
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'attributes' => {
    'service' => 'wsb',
    'object_type' => 'wsb.set_email_forgot_password',
    'response_code' => '200',
    'response_text' => 'Request completed successfully',
    'product_data' => {
      'account_username' => 'follow'
    }
  }
}
```

### Request example – XML

```
<?xml version='1.0' encoding="UTF-8" standalone="no" ?>
<!DOCTYPE OPS_envelope SYSTEM "ops.dtd">
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
```

```

<data_block>
  <dt_assoc>
    <item key="protocol">TPP</item>
    <item key="version">1.4</item>
    <item key="action">MANAGE</item>
    <item key="object">WSB.SET_EMAIL_FORGOT_PASSWORD</item>
    <item key="requestor">
      <dt_assoc>
        <item key="username">qaone</item>
      </dt_assoc>
    </item>
    <item key="attributes">
      <dt_assoc>
        <item key="service">wsb</item>
        <item key="product_data">
          <dt_assoc>
            <item key="account_username">follow</item>
            <item key="email">user@example.com</item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </item>
  </dt_assoc>
</data_block>
</body>
</OPS_envelope>

```

## Response example – XML

```

<?xml version='1.0' encoding='UTF-8'?>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">manage:reply</item>
        <item key="object">wsb.set_email_forgot_password</item>
        <item key="session_id">OSRS-736303</item>
        <item key="is_success">1</item>
        <item key="response_code">200</item>
        <item key="response_text">Request completed successfully</item>
        <item key="attributes">
          <dt_assoc>
            <item key="service">wsb</item>
            <item key="object_type">wsb.set_email_forgot_password</item>
            <item key="response_code">200</item>
            <item key="response_text">Request completed successfully</item>
            <item key="product_data">
              <dt_assoc>
                <item key="account_username">follow</item>
              </dt_assoc>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>

```

```
</body>  
</OPS_envelope>
```

## Parameter definitions

This command uses standard request and response keys. Keys that are specific to this command are described below.

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'manage'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'wsb.set_email_forgot_password'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	Values are variable; see attributes below

<b>service</b>	Parameter name:	service
	Type:	String

Description:	The service provisioning the product
Obligation:	Required
Location:	Within the "attributes" associative array
Allowed value(s):	'wsb'

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	"account_username" and "email" keys

<b>account_username</b>	Parameter name:	account_username
	Type:	String
	Description:	The account's username
	Obligation:	Required
	Location:	Within the "product_data" array
	Allowed value(s):	Valid Website Builder account username

<b>email</b>	Parameter name:	email
	Type:	String
	Description:	The email address to which the password should be sent
	Obligation:	Required
	Location:	Within the "product_data" array
	Allowed value(s):	Valid email address

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action performed

Obligation:	Always returned
Location:	Within the response
Value(s):	'manage:reply'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	'wsb.set_email_forgot_password'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	Values are variable; see attributes below

<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the product
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	'wsb'

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object
	Obligation:	Always returned
	Location:	Within the "attributes" associative array

Value(s):	'wsb.lost_password_email'
-----------	---------------------------

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	"account_username" key

<b>account_username</b>	Parameter name:	account_username
	Type:	String
	Description:	The Website Builder account's username
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Value(s):	Valid username

# Get End User Lost Password Email

This command returns the email address to which an end user's lost password should be sent.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4',
  'action' => 'check',
  'object' => 'wsb.lost_password_email',
  'requestor' => {
    'username' => 'qaone'
  },
  'attributes' => {
    'service' => 'wsb',
    'product_data' => {
      'account_username' => 'follow'
    }
  }
}
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'CHECK:REPLY',
  'object' => 'WSB.LOST_PASSWORD_EMAIL',
  'session_id' => 'OSRS-736300',
  'is_success' => '1',
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'attributes' => {
    'service' => 'wsb',
    'object_type' => 'wsb.lost_password_email',
    'response_code' => '200',
    'response_text' => 'Request completed successfully',
    'product_data' => {
      'email' => 'user@example.com'
    }
  }
}
```

### Request example – XML

```
<?xml version='1.0' encoding="UTF-8" standalone="no" ?>
<!DOCTYPE OPS_envelope SYSTEM "ops.dtd">
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
```

```

<item key="protocol">TPP</item>
<item key="version">1.4</item>
<item key="action">CHECK</item>
<item key="object">WSB.LOST_PASSWORD_EMAIL</item>
<item key="requestor">
  <dt_assoc>
    <item key="username">qaone</item>
  </dt_assoc>
</item>
<item key="attributes">
  <dt_assoc>
    <item key="service">wsb</item>
    <item key="product_data">
      <dt_assoc>
        <item key="account_username">follow</item>
      </dt_assoc>
    </item>
  </dt_assoc>
</item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>

```

### Response example – XML

```

<?xml version='1.0' encoding='UTF-8'?>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">check:reply</item>
        <item key="object">wsb.lost_password_email</item>
        <item key="session_id">OSRS-736300</item>
        <item key="is_success">1</item>
        <item key="response_code">200</item>
        <item key="response_text">Request completed successfully</item>
        <item key="attributes">
          <dt_assoc>
            <item key="service">wsb</item>
            <item key="object_type">wsb.lost_password_email</item>
            <item key="response_code">200</item>
            <item key="response_text">Request completed successfully</item>
            <item key="product_data">
              <dt_assoc>
                <item key="email">user@example.com</item>
              </dt_assoc>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>

```

## Parameter definitions

This command uses standard request and response keys. Keys that are specific to this command are described below.

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'check'
<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'wsb.lost_password_email'
<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	Values are variable; see attributes below
<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the product
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	'wsb'
<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data

Obligation:	Required
Location:	Within the "attributes" associative array
Allowed value(s):	"account_username" key

<b>account_username</b>	Parameter name:	account_username
	Type:	String
	Description:	The username for the Website Builder account for which you want to retrieve the lost password email address
	Obligation:	Required
	Location:	Within the "product_data" array
	Allowed value(s):	Valid Website Builder account username

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action performed
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	'check:reply'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	'wsb.lost_password_email'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes

Obligation:	Always returned
Location:	Within the response
Value(s):	Values are variable; see attributes below

<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the product
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	'wsb'

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	'wsb.lost_password_email'

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	"email" key

<b>email</b>	Parameter name:	email
	Type:	String
	Description:	The email address to which to send the user's lost password
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Value(s):	String

# Send End User Website Builder Account Password

This command sends a user their Website Builder account password, using their lost password email address.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4',
  'action' => 'manage',
  'object' => 'wsb.send_end_user_password',
  'requestor' => {
    'username' => 'qaone'
  },
  'attributes' => {
    'service' => 'wsb',
    'product_data' => {
      'account_username' => 'shadow'
    }
  }
};
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'MANAGE:REPLY',
  'object' => 'WSB.SEND_END_USER_PASSWORD',
  'session_id' => 'OSRS-736292',
  'is_success' => '1',
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'attributes' => {
    'service' => 'wsb',
    'object_type' => 'wsb.send_end_user_password',
    'response_code' => '200',
    'response_text' => 'Request completed successfully',
    'product_data' => {
      'account_username' => 'shadow'
    }
  }
};
```

### Request example – XML

```
<?xml version='1.0' encoding="UTF-8" standalone="no" ?>
<!DOCTYPE OPS_envelope SYSTEM "ops.dtd">
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
```

```

<data_block>
  <dt_assoc>
    <item key="protocol">TPP</item>
    <item key="version">1.4</item>
    <item key="action">MANAGE</item>
    <item key="object">WSB.SEND_END_USER_PASSWORD</item>
    <item key="requestor">
      <dt_assoc>
        <item key="username">qaone</item>
      </dt_assoc>
    </item>
    <item key="attributes">
      <dt_assoc>
        <item key="service">wsb</item>
        <item key="product_data">
          <dt_assoc>
            <item key="account_username">shadow</item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </item>
  </dt_assoc>
</data_block>
</body>
</OPS_envelope>

```

## Response example – XML

```

<?xml version='1.0' encoding='UTF-8'?>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">manage:reply</item>
        <item key="object">wsb.send_end_user_password</item>
        <item key="session_id">OSRS-736292</item>
        <item key="is_success">1</item>
        <item key="response_code">200</item>
        <item key="response_text">Request completed successfully</item>
        <item key="attributes">
          <dt_assoc>
            <item key="service">wsb</item>
            <item key="object_type">wsb.send_end_user_password</item>
            <item key="response_code">200</item>
            <item key="response_text">Request completed successfully</item>
            <item key="product_data">
              <dt_assoc>
                <item key="account_username">shadow</item>
              </dt_assoc>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>

```

</OPS\_envelope>

## Parameter definitions

This command uses standard request and response keys. Keys that are specific to this command are described below.

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'manage'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'wsb.send_end_user_password'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	Values are variable; see attributes below

<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the product

Obligation:	Required
Location:	Within the "attributes" associative array
Allowed value(s):	'wsb'

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	"account_username" key

<b>account_username</b>	Parameter name:	account_username
	Type:	String
	Description:	The username of the Website Builder account for which to send the lost password
	Obligation:	Required
	Location:	Within the "product_data" array
	Allowed value(s):	string

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action performed
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	'manage:reply'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon

Obligation:	Always returned
Location:	Within the response
Value(s):	'wsb.send_end_user_password'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	Values are variable; see attributes below

<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the product
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	'wsb'

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	'wsb.send_end_user_password'

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	"account_username" key

<b>account_username</b>	Parameter name:	account_username
	Type:	String
	Description:	The account's username
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Value(s):	Website Builder account username

# Validate End User Login Details

Use this command to test and confirm the username and password combination for a Website Builder account.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4',
  'action' => 'manage',
  'object' => 'wsb.validate_account_login',
  'requestor' => {
    'username' => 'qaone'
  },
  'attributes' => {
    'service' => 'wsb',
    'product_data' => {
      'account_username' => 'follow',
      'account_password' => 'follow'
    }
  }
}
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'MANAGE:REPLY',
  'object' => 'WSB.VALIDATE_ACCOUNT_LOGIN',
  'session_id' => 'OSRS-736298',
  'is_success' => '1',
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'attributes' => {
    'service' => 'wsb',
    'object_type' => 'wsb.validate_account_login',
    'response_code' => '200',
    'response_text' => 'Request completed successfully',
    'product_data' => {
      'account_username' => 'follow'
    }
  }
}
```

### Request example – XML

```
<?xml version='1.0' encoding="UTF-8" standalone="no" ?>
<!DOCTYPE OPS_envelope SYSTEM "ops.dtd">
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
```

```

<dt_assoc>
  <item key="version">1.4</item>
  <item key="protocol">TPP</item>
  <item key="action">MANAGE</item>
  <item key="object">WSB.VALIDATE_ACCOUNT_LOGIN</item>
  <item key="requestor">
    <dt_assoc>
      <item key="username">qaone</item>
    </dt_assoc>
  </item>
  <item key="attributes">
    <dt_assoc>
      <item key="service">wsb</item>
      <item key="product_data">
        <dt_assoc>
          <item key="account_username">follow</item>
          <item key="account_password">follow</item>
        </dt_assoc>
      </item>
    </dt_assoc>
  </item>
</dt_assoc>
</data_block>
</body>
</OPS_envelope>

```

### Response example – XML

```

<?xml version='1.0' encoding="UTF-8" standalone="no" ?>
<!DOCTYPE OPS_envelope SYSTEM "ops.dtd">
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4.0</item>
        <item key="action">manage:reply</item>
        <item key="object">wsb.validate_account_login</item>
        <item key="session_id">OSRS-736298</item>
        <item key="is_success">1</item>
        <item key="response_code">200</item>
        <item key="response_text">Request completed successfully</item>
        <item key="attributes">
          <dt_assoc>
            <item key="service">wsb</item>
            <item key="object_type">wsb.validate_account_login</item>
            <item key="response_text">Request completed successfully</item>
            <item key="response_code">200</item>
            <item key="product_data">
              <dt_assoc>
                <item key="account_username">follow</item>
              </dt_assoc>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>

```

```
</body>  
</OPS_envelope>
```

## Parameter definitions

This command uses standard request and response keys. Keys that are specific to this command are described below.

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'manage'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'wsb.validate_account_login'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	Values are variable; see attributes below

<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the product
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	'wsb'
<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	"account_username" and "account_password" keys
<b>account_username</b>	Parameter name:	account_username
	Type:	String
	Description:	The account's username
	Obligation:	Required
	Location:	Within the "product_data" array
	Allowed value(s):	Website Builder account username
<b>account_password</b>	Parameter name:	account_password
	Type:	String
	Description:	The accounts password
	Obligation:	Required
	Location:	Within the "product_data" array
	Allowed value(s):	Website Builder account password

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action performed
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	'manage:reply'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	'wsb.validate_account_login'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	Values are variable; see attributes below

<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the product
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	'wsb'

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	'wsb.validate_account_login'

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data

Obligation:	Always returned
Location:	Within the "attributes" associative array
Value(s):	"account_username" key

<b>account_username</b>	Parameter name:	account_username
	Type:	String
	Description:	The Website Builder account username
	Obligation:	Always returned
	Location:	Within the "product_data" associative array
	Value(s):	Website Builder account username

# Check Price

This command returns the pro-rated price of a Website Builder account, based on the package ordered for that account. Both the monthly cost (prorated to charge for the remainder of the current month) and startup cost are returned. Prices are returned in cents, in US currency.

## Examples

### Request example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4',
  'action' => 'check',
  'object' => 'price',
  'requestor' => {
    'username' => 'qaone'
  },
  'attributes' => {
    'check_items' => [
      {
        'service' => 'wsb',
        'object_type' => 'account',
        'orderitem_type' => 'new',
        'product_data' => {
          'package_name' => 'smallbus'
        }
      }
    ]
  }
}
```

### Response example – PERL

```
{
  'protocol' => 'TPP',
  'version' => '1.4.0',
  'action' => 'CHECK:REPLY',
  'object' => 'PRICE',
  'session_id' => 'OSRS-736234',
  'is_success' => '1',
  'response_code' => '200',
  'response_text' => 'Request completed successfully',
  'attributes' => [
    {
      'status' => 'validated',
      'price' => '140',
      'ancillary_price' => '150',
      'client_reference' => undef,
      'contact_set' => {},
      'item_id' => '0',
      'major_code' => '200',
      'major_text' => 'Request completed successfully',
      'product_item' => {
        'service' => 'wsb',
        'object_type' => 'account',
      }
    }
  ]
}
```

```

        'response_code' => '200',
        'response_text' => 'Request completed successfully',
        'product_data' => {
            'package_name' => 'smallbus'
        }
    }
}
]
}

```

### Request example – XML

```

<?xml version='1.0' encoding='UTF-8'?>
<!DOCTYPE OPS_envelope SYSTEM 'ops.dtd'>
<OPS_envelope>
  <header>
    <version>0.9</version>
  </header>
  <body>
    <data_block>
      <dt_assoc>
        <item key="protocol">TPP</item>
        <item key="version">1.4</item>
        <item key="action">CHECK</item>
        <item key="object">PRICE</item>
        <item key="requestor">
          <dt_assoc>
            <item key="username">qaone</item>
          </dt_assoc>
        </item>
        <item key="attributes">
          <dt_assoc>
            <item key="check_items">
              <dt_array>
                <item key="0">
                  <dt_assoc>
                    <item key="service">wsb</item>
                    <item key="orderitem_type">new</item>
                    <item key="object_type">account</item>
                    <item key="product_data">
                      <dt_assoc>
                        <item key="package_name">ecomm</item>
                      </dt_assoc>
                    </item>
                  </dt_assoc>
                </item>
              </dt_array>
            </item>
          </dt_assoc>
        </item>
      </dt_assoc>
    </data_block>
  </body>
</OPS_envelope>

```

### Response example – XML

```

<?xml version='1.0' encoding='UTF-8'?>
<OPS_envelope>
  <header>
    <version>0.9</version>

```

```
</header>
<body>
  <data_block>
    <dt_assoc>
      <item key="attributes">
        <dt_array>
          <item key="0">
            <dt_assoc>
              <item key="price">250</item>
              <item key="ancillary_price">250</item>
              <item key="major_code">200</item>
              <item key="client_reference"/>
              <item key="major_text">Request completed successfully</item>
              <item key="status">validated</item>
              <item key="item_id">0</item>
              <item key="product_item">
                <dt_assoc>
                  <item key="service">wsb</item>
                  <item key="response_text">
                    Request completed
                    successfully
                  </item>
                  <item key="object_type">account</item>
                  <item key="response_code">200</item>
                  <item key="product_data">
                    <dt_assoc>
                      <item key="package_name">ecomm</item>
                    </dt_assoc>
                  </item>
                </dt_assoc>
              </item>
            </dt_assoc>
          </item>
        </dt_array>
      </item>
      <item key="object">price</item>
      <item key="protocol">TPP</item>
      <item key="action">check:reply</item>
      <item key="response_text">Request completed successfully</item>
      <item key="response_code">200</item>
      <item key="is_success">1</item>
      <item key="session_id">OSRS-735542</item>
      <item key="version">1.4.0</item>
    </dt_assoc>
  </data_block>
</body>
</OPS_envelope>
```

## Parameter definitions

This command uses standard request and response keys. Keys that are specific to this command are described below.

### Request

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action to be performed
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'check'
<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	'price'
<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Required
	Location:	Within the request
	Allowed value(s):	Values are variable; see attributes below
<b>check_items</b>	Parameter name:	check_items
	Type:	List of associative arrays
	Description:	Contains data for each account to check
	Obligation:	Required
	Location:	Within the "attributes" associative array
	Allowed value(s):	Values are variable; see keys below
<b>service</b>	Parameter name:	service

Type:	String
Description:	The service provisioning the product
Obligation:	Required
Location:	Within the "check_items" array
Allowed value(s):	'wsb'

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object to check
	Obligation:	Required
	Location:	Within the "check_items" associative array
	Allowed value(s):	'account'

<b>orderitem_type</b>	Parameter name:	orderitem_type
	Type:	String
	Description:	The type of order item, either 'new' or 'upgrade'. If this is a 'new' order, the initial fee is returned as well as the fee for the first month.
	Obligation:	Required
	Location:	Within a "check_items" associative array
	Allowed value(s):	'new' or 'upgrade'

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Required
	Location:	Within a "check_items" array
	Allowed value(s):	"package_name" key

<b>package_name</b>	Parameter name:	package_name
	Type:	String
	Description:	The name of the Website Builder package
	Obligation:	Required
	Location:	Within the "product_data" associative array

Allowed value(s):	One of: 'buscard'   'starterweb'   'personal'   'smallbus'   'ecomm'
-------------------	---

## Response

<b>action</b>	Parameter name:	action
	Type:	String
	Description:	The action performed
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	'check:reply'

<b>object</b>	Parameter name:	object
	Type:	String
	Description:	The object acted upon
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	'price'

<b>attributes</b>	Parameter name:	attributes
	Type:	Associative array
	Description:	Attributes
	Obligation:	Always returned
	Location:	Within the response
	Value(s):	Values are variable; see attributes below

<b>status</b>	Parameter name:	status
	Type:	String
	Description:	The status of the order item
	Obligation:	Always returned

	Location:	Within the "attributes" associative array
	Value(s):	'validated'
<b>price</b>	Parameter name:	price
	Type:	Int
	Description:	The prorated monthly charge for the account, based on the remainder of the current month. This value is in cents, in US funds.
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	Int
<b>ancillary_price</b>	Parameter name:	ancillary_price
	Type:	Int
	Description:	The non-refundable, initial setup fee, in cents, in US funds
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	Int
<b>product_item</b>	Parameter name:	product_item
	Type:	Associative array
	Description:	Contains data regarding the service and object type
	Obligation:	Always returned
	Location:	Within the "attributes" associative array
	Value(s):	See values below
<b>service</b>	Parameter name:	service
	Type:	String
	Description:	The service provisioning the product
	Obligation:	Always returned
	Location:	Within the "product_item" associative array
	Value(s):	'wsb'

<b>object_type</b>	Parameter name:	object_type
	Type:	String
	Description:	The type of object

Obligation:	Always returned
Location:	Within the "product_item" associative array
Value(s):	'account'

<b>product_data</b>	Parameter name:	product_data
	Type:	Associative array
	Description:	Product data
	Obligation:	Always returned
	Location:	Within the "product_item" associative array
	Value(s):	"package_name" key

<b>package_name</b>	Parameter name:	package_name
	Type:	String
	Description:	The name of the Website Builder package
	Obligation:	Always returned
	Location:	Within the "product_data" array
	Value(s):	One of: 'buscard'   'starterweb'   'personal'   'smallbus'   'ecomm'

# Logging-in Users From Your Hosting Application

The following are not provisioning APIs, but can be used to log your users in to their Website Builder from your hosting application.

## Using an HTTP POST

To log your users in using a POST, you must post to your own Brand URL, using the following format:

```
http://<<BRAND_URL>>/sebase/common_loginaction.jsp?uno=<<YOURBRAND  
S_UNO_NUMBER>&txt_user_name=<<WSB_ACCOUNT_USERNAME>>&pwd_pa  
ssword=<<WSB_ACCOUNT_PASSWORD>>
```

### Variable Requirements

BRAND_URL	The FQDN of the Brand URL
uno	Dependant on Brand The Brand Code number You can retrieve the Brand Code using the <b>Edit</b> link on the <b>Manage Reseller Branding</b> page in the RWI 2.
txt_user_name	Dependant on WSB account The account's username
pwd_password	Dependant on WSB account The account's password

### Example

```
http://wsb.pagebuilder.ca/sebase/common_loginaction.jsp?uno=123456&txt_us  
er_name=myusername&pwd_password=secret
```

## Using JavaScript

```
<script>
function sub_frm4()
{
    document.frm_form.action =
'http://wsb.pagebuilder.ca/sebase/common_loginaction.jsp';
    document.frm_form.submit();
    return false;
}
</script>

<form name='frm_form' method='post' action='' target='_new'>
<input type= hidden name = uno value = 17345290>
<input type= hidden name = mode value = p>

    <table border=0 cellpadding=2 cellspacing=1 width=400>
        <tr>
            <td align=right>User Name</td>
            <td>
                <input type='text' name='txt_user_name' value='' maxlength = '10'>
            </td>
        </tr>
        <tr>
            <td align=right>Password</td>
            <td>
                <input type='password' name='pwd_password' value='' maxlength =
'10'>
            </td>
        </tr>
        <tr align='center' valign='middle'>
            <td colspan=2 class='tdbgcolor2' height='30'>
                <INPUT type='button' name='Submit' value='GO'
onClick='sub_frm4()'>
            </td>
        </tr>
    </table>
</form>
```

#### Website Builder Error Codes

The following table lists the Website Builder error codes with their corresponding error message.

Error code	Corresponding error message
200	Completed successfully
400	FAILURE
500	UNSPECIFIED_ERROR
50001	ORDER_NOT_PROCESSABLE
50002	PRODUCT_NOT_PROCESSABLE
50003	ORDER_VALIDATION_FAILED
50004	BRAND_DOES_NOT_EXIST
50005	PACKAGE_DOES_NOT_EXIST
50006	DATABASE_ERROR
50009	ORDER_ITEM_NOT_FOUND
50010	PRODUCT_VALIDATION_ERROR
50011	ACCOUNT_NOT_AVAILABLE
50012	BRAND_NOT_AVAILABLE
50013	PRODUCT_NOT_FOUND
50014	INVALID_RESELLER
50015	CANNOT_EXPORT_TRIAL
50016	BRAND_NOT_FOUND
50017	UNABLE_TO_EXPORT_PRODUCT
50018	PRODUCT_ACTIVATION_FAILURE
50019	PRODUCT_SUSPENSION_FAILURE
50020	PRODUCT_IS_NOT_TRIAL
50021	UNABLE_TO_GO_LIVE
50022	UNABLE_TO_DELETE_PRODUCT
50023	UNABLE_TO_UPGRADE_TRIAL
50024	UNABLE_TO_VERIFY_PACKAGE_UPGRADEBLE
50025	PACKAGE_NOT_UPGRADABLE
50026	UNABLE_TO_UPDATE_BRAND
50027	UNABLE_TO_UPDATE_ORDER
50028	UNABLE_TO_UPDATE_PRODUCT

50029	INVALID_PACKAGE
50030	UNABLE_TO_SEND_EMAIL
50031	UNABLE_TO_UPGRADE_PRODUCT
50032	UNABLE_TO_CREATE_BRAND
50033	UNABLE_TO_SUSPEND_BRAND
50034	UNABLE_TO_ACTIVATE_BRAND
50035	FAILED_TO_SEND_END_USER_PASSWORD
50036	FAILED_TO_SET_EMAIL_FORGOT_PASSWORD
50037	FAILED_TO_GET_END_USER_FORGOT_PASSWORD_EMAIL
50038	FAILED_TO_GET_END_USER_PASSWORD
50039	FAILED_TO_VALIDATE_END_USER_LOGIN
50212	GV_INVALID_DOMAIN_NAME