Application Programming Interface Guide

Wild West Domains® Reseller Web Service API

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Wild West Domains Reseller Web Service API (Version 2.5)

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1. WWD Reseller Web Service API

INTRODUCTION

The Wild West Domains, Inc. (WWD) Application Programming Interface (API) Web service provides an easy and straightforward way for resellers to integrate WWD services into their Web site or applications, providing a wide array of products to their customer base while using their own unique style.

With WWD API, resellers can offer their customers the following services through Wild West Domains, Inc.:

- **Domain Name Registration** - Domain registration only includes the actual registration. Other features such as email, hosting, and other items must be purchased separately. The following domain extensions can be offered:

.COM	.CO	.INFO	.NET	.COM.BR	.NET.BR
.ME	.ORG	.BIZ	.COM.CO	.NET.CO	.MOBI
.MX	.COM.ES	.WS	.US	.NOM.ES	.ES
.ORG.ES	.NL	.IN	.COM.MX	.BZ	.COM.BZ
.NET.BZ	.CO.IN	.FIRM.IN	.GEN.IN	.IND.IN	.NET.IN
.ORG.IN	.TV				

- **Domain Name Transfers** - Allows customers to transfer their domain name from one registrar to another. An additional year is added to the registration when this service is used.
- **Transfer of Ownership** - Allows customers to change ownership of a domain name.
- **Domain name forwarding and masking** - Domain forwarding allows a customer to point their domain to a URL on the Web. Domain masking hides the destination address when used in conjunction with domain forwarding.
- **For Sale Parked Page** - A for sale page lists the domain name, a large “For Sale” sign, and a contact email address.

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- **Domains By Proxy**™ (Domain Privacy) - Customers who register a domain may choose to have Wild West Domains' affiliate company, Domains by Proxy, listed as the contact information rather than their own personal information.
- **DomainAlert**™ - Includes Backordering, Private Backordering, Monitoring, and Expiring Names List. Monitor the vital changes to any name registered by anyone at any registrar that might tip you off to its availability. If a name you want is already registered, secure a chance to snap it up the instant it expires!
- **Web-Based Email** - Email services for your customers to send and receive email using their domain names.

HOW WWD API WORKS

The diagram below illustrates how the WWD API Web service works.

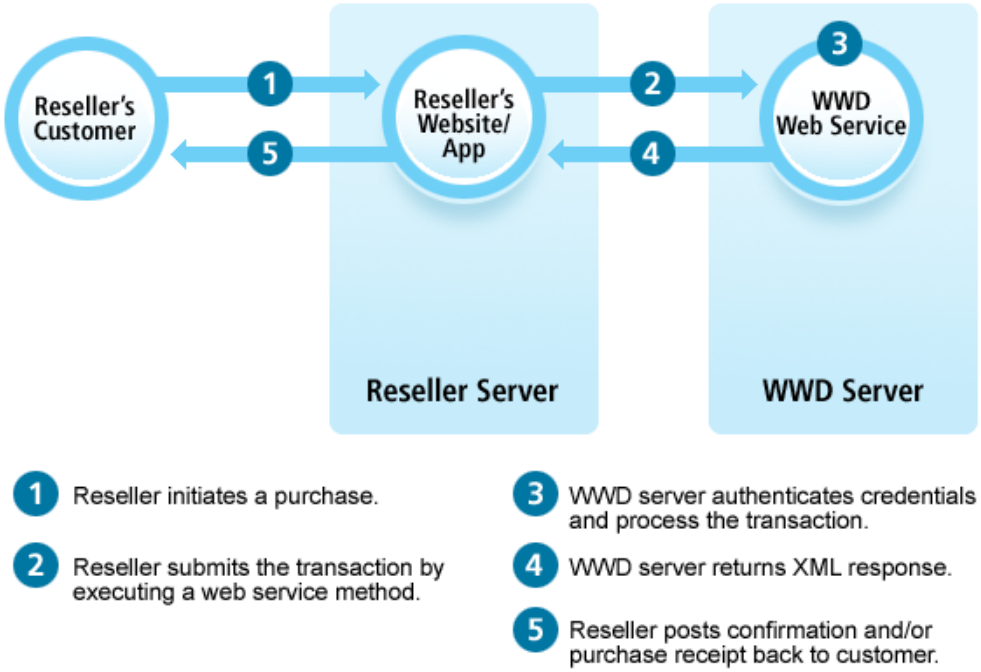

Fig. 1.1 - Web Service Diagram

System Requirements

The following are the basic requirements for using the WWD API:

- Programming ability to build your own Web site (reseller store front Web site).
- Use of a database and a shopping cart solution.
- Programming ability to call SOAP (Simple Object Access Protocol) web service methods.

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Restrictions

WWD API is not restricted to the use of any specific operating system (e.g. Windows or UNIX and its variants) and programming language (e.g. C++, C#, VB.NET, Java, PHP, etc.) as long as the reseller Web site or application can call the appropriate Web service methods via SOAP.

GETTING STARTED

To start a reseller program with Wild West Domains Incorporated, follow these simple steps:

1. Purchase an API Reseller from Wild West Domains (WWD).
2. Receive an email from WWD containing a link to the Test (OTE) API site, Reseller Extranet.
3. Download the WWD API Quick Start Guide from the Reseller Extranet.
4. Setup IP Addresses in the test Reseller Extranet (see Chapter 9, "Using the Reseller Extranet").
5. Set API System Access password (see "Account Access" on page 188).
6. Build a test reseller site to support WWD products and add the programming to enable it to connect to the WWD servers by using the WWD Web Service.
7. Successfully complete the certification test (see the Quick Start Guide). (This step may be done at any time, but must be completed before access to the live API site will be granted.) You must enter into “Certification Mode” by checking the option in the Reseller Extranet under “Certification Status”.
8. Receive an email from WWD containing a link to the live API site and Reseller Extranet.
9. Setup IP Addresses in the live Reseller Extranet (see Chapter 9, "Using the Reseller Extranet").
10. Build a reseller site or modify an existing site to support WWD products and point that site to the Live API (see Chapter 3, "Accessing Customer Data" through Chapter 7, "Response Results").
11. Wire funds to Wild West domains (see Chapter 9, "Using the Reseller Extranet").
12. Connect to the live API site and start selling!

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Helpful Hints

- The certification test may be taken at any time. However, certification must be obtained before access to the live API site will be granted. When certification is obtained, a confirmation email will be sent containing the URL to access the live API site.
- After the reseller has finished certification and is ready to go live, if they are connecting via the Web Service, they need to change the URL that they are referencing so that it points to the live WWD Web Service.
- If the prepaid balance with WWD is less than the total for the order placed, then WWD will not process the order. Always make sure there are enough funds available to process all orders.
- Technical support is available to assist with API questions by contacting APISupport@wildwestdomains.com or 480-505-8857.

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2. Certification Test

The reseller must construct the appropriate API commands to successfully complete the certification process. Resellers will not be allowed to submit requests to the live server until they have successfully completed this test. The reseller account will initially be set to “scripting” mode. When certification is obtained, a confirmation email will be sent containing the URL to access the live API site and the reseller account will be taken out of scripting mode.

It is important to note that the information, such as IP addresses and URL links to the Reseller Web site, being entered into the test Reseller Extranet (www.ote.resellerextranet.com) is not carried over to the live Reseller Extranet (www.resellerextranet.com). After certification is obtained and access is granted to the live API, the correct information will need to be entered into the live Reseller Extranet, including IP addresses, custom graphics, etc.

CERTIFICATION STATUS

Until the Certification test is completed successfully, the reseller will not be able to access the live Reseller Extranet, and the status indicator on the Certification Status page that appears on the test Reseller Extranet home page will show “Uncertified.” After the certification test is successfully completed, the reseller will be granted access to the live Reseller Extranet.

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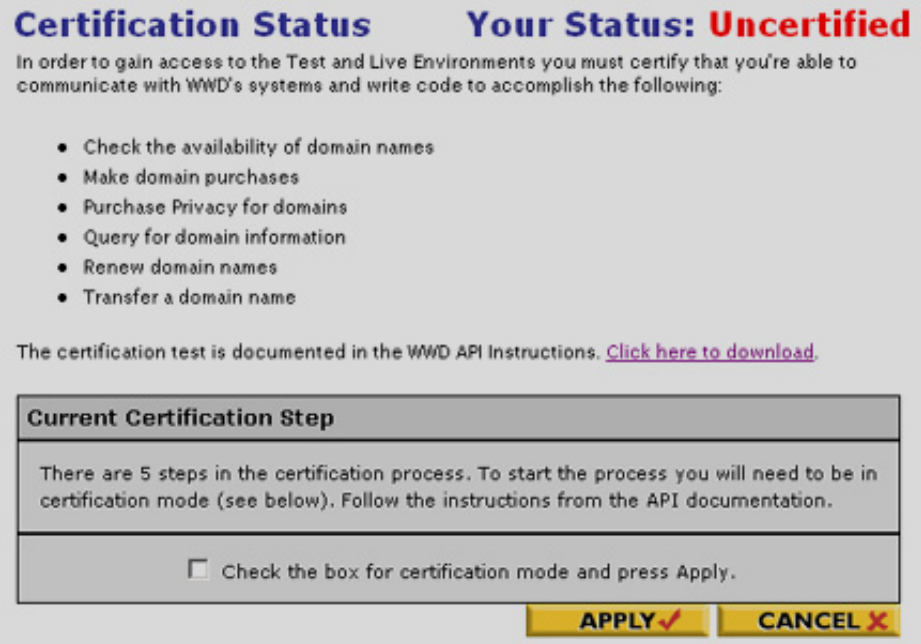

Fig. 2.1 - Sample Certification Status page

TESTING

During testing, the commands must be submitted in the order given. The exception is that poll and describe commands may be issued at any time. The commands used in this test are only a sampling of the WWD API commands available. There are no constraints on the amount of time that elapses between commands. Also, issuance of an invalid command doesn't stop the test; the scripting manager will wait for the expected command to be correctly sent before moving on to the next one.

If the test needs to be reset in order to start over, use the script element of the manage command to reset. See Chapter 7, “WWD API Requests” for more information on this command.

Note: All resource IDs returned during testing are invalid everywhere except for the current testing session.

The following requests must be sent in the given order. The server responses will contain data that must be incorporated into later requests. Therefore, it is recommend that each request and response be logged for future use. After each order request is sent, processing of the notification messages must be completed before subsequent requests can be properly constructed. The WWD API will send a return response after each step. The reseller will either receive a successful response or an error response that contains an error message detailing what was wrong with the request.

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Check Availability

Check the availability of the domain names “example.us” and “example.biz”. Both should return as available.

Purchase Domain Registration

Register the domain names “example.us” and “example.biz” for 2 years, assigned to a new WWD shopper account with password “abcde”.

Use the following information to register both domains:

- nameservers:
    - ns1.example.com
    - ns2.example.com
- registrant information:
    - first name: Artemus
    - last name: Gordon
    - email: agordon@wildwestdomains.com
    - address: 2 N. Main St.
    - city: Valdosta
    - state: Georgia
    - zip: 17123
    - country: United States
    - phone: (888) 555-1212
    - The .us domain is being purchased by a citizen of the US, living in the US, for personal use.

Purchase Privacy

Add privacy to the domain name “example.biz”, purchased in the previous step (this could have been done in a single order, but was split up for testing purposes). Create a new privacy account with password “defgh” and email address “info@example.biz” to manage the privacy information.

Check Availability

Check the availability of the domains purchased in step 1. Both should be reported as being ***not*** available.

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Query for Domain Information

Use the info command to query for the information about “example.biz”. Construct the query using only the resourceid attribute of the info command.

Purchase Domain Renewal

Renew the domain names “example.us” and “example.biz” for 1 additional year, as well as the private registration for “example.biz”.

Purchase Domain Transfer

Transfer the domain name “example.com” to WWD, assigned to a new wwd shopper account with password “ghijk”. Use the following information to register the domain:

- nameservers:
    - ns1.example.net
    - ns2.example.net
- registrant information:
    - first name: Joe
    - last name: Smith
    - email: joe@smith.us
    - address: 1 S. Main St.
    - city: Oakland
    - state: California
    - zip: 97123
    - country: United States
    - phone: (777) 555-1212

CERTIFICATION COMPLETE

When all of the transactions above have been successfully completed, Wild West Domains (WWD) automatically receives notification. WWD then sends a confirmation email to the Reseller containing a link to the live Reseller Extranet. Return to the “Getting Started” checklist in Chapter 1 and continue building a reseller site.

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3. Accessing Customer Data

Every reseller stores and maintains product and customer data differently. Exactly how the data is stored and accessed is up to the individual reseller. Regardless of how the data is stored, the reseller will need to incorporate Wild West Domains' data into their storage schema.

ACCESSING DATA FROM EXISTING DATABASES

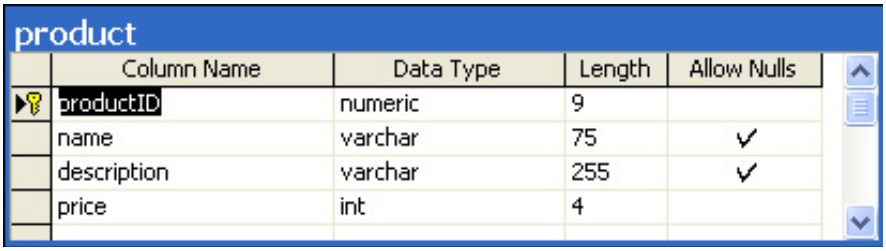
Resellers will need to add the WWD userID and resourceID into their existing customers' stored information so that this data can be accessed by the WWD API when requests are sent.

EXAMPLE DATABASES

The following are examples of data from a reseller's backend database. Again, how the reseller stores and accesses customer and product information is entirely up to them. This is merely to serve as an example in order to demonstrate one way to store and access customer data.

Product Table

The following is an example of a product table.



When a request is sent to WWD, remember that WWD's productID and not the reseller's should be sent. WWD supplies the reseller with this productID.

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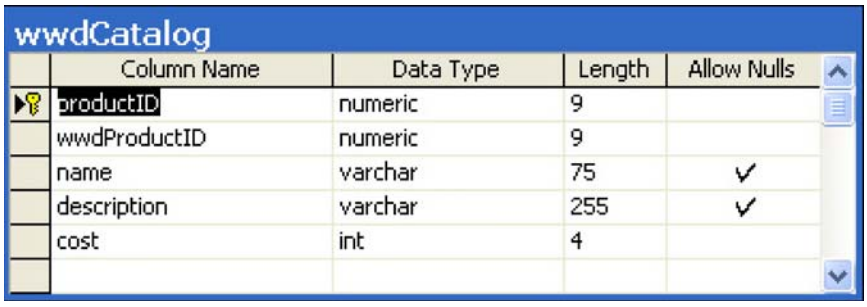
WWDCatalog Table

The following is an example of a catalog table that includes WWD's productID.



wwdCatalog

Column Name	Data Type	Length	Allow Nulls
productID	numeric	9	
wwdProductID	numeric	9	
name	varchar	75	✓
description	varchar	255	✓
cost	int	4	

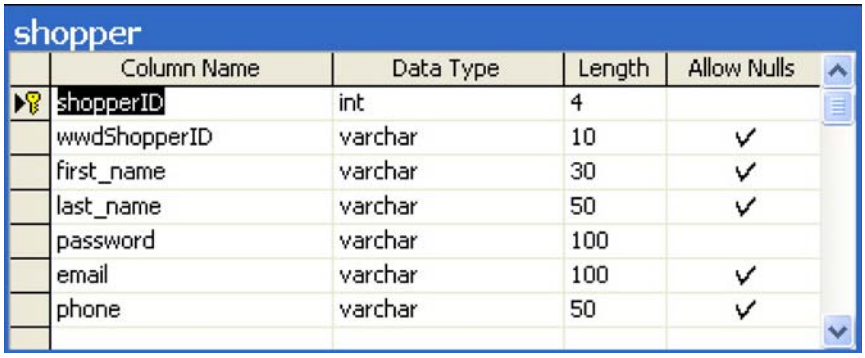
Important elements:

• productID is the same as the productID field from the product table.

• wwdProductID is WWD's productID and is the ID that should be sent as the productID in the XML document when ordering from Wild West Domains. (In this example the actual ID is the same, however, this may not always be the case.)

Shopper Table

The following is an example of a shopper table, which the reseller might use to maintain customer information.



shopper

Column Name	Data Type	Length	Allow Nulls
shopperID	int	4	
wwdShopperID	varchar	10	✓
first_name	varchar	30	✓
last_name	varchar	50	✓
password	varchar	100	
email	varchar	100	✓
phone	varchar	50	✓

Important elements:

• shopperID is what resellers uniquely identify their customers with.

• wwdShopperID is what resellers will send to WWD.

When a new shopper makes their first order, "createNew" String will need to be inserted in the shopperID attribute of the XML String before sending it to WWD. The password field is also required for all new shoppers.

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Code Sample: Create new shopper

The following code sample creates a new shopper.

```
shopper.user      = "createNew";
shopper.pwd       = "password";
shopper.firstname = "Artemus";
shopper.lastname  = "Gordon";
shopper.email     = " agordon@wildwestdomains.com";
shopper.phone     = " +1.8885551212";
shopper.dbpuser   = "createNew";
shopper.dbppwd    = "password";
shopper.dbpemail  = " info@example.us";
```

The user attribute is set to “createNew” and the pwd attribute is set to the shopper's password.

A Wild West Domain Shopper ID will immediately be returned, regardless of whether the order was processed or not. Once a Wild West Domain Shopper ID is known then the Reseller should put it in the user attribute, the user attribute is the only attribute needed if the user attribute contains the Wild West Domain Shopper ID.

Here is an example of what the entire message returned from the API would look like if the XML sent up was for a domain registration.

```
<response user=”111111” svTRID=”order.1031468”
c1TRID=”DevWWDweb.24886”>
   <result code=”1000”>
      <msg>processed 1 item</msg>
   </result>
   <msgQ count=”5” date=”06-06-2003 09:04:59” />
   <resdata>
      <orderid>1031468</orderid>
   </resdata>
</response>
```

Note that the user attribute returns the sub-users Wild West Domain Shopper ID, regardless of whether the user attribute contained the “createNew” String or had a valid Wild West Domain Shopper ID.

Code Sample: Return user ID

The following code sample shows the new shopper's ID being returned to the reseller.

```
<response user=”823825” c1TRID=”ResellerName.OrderID”>
```

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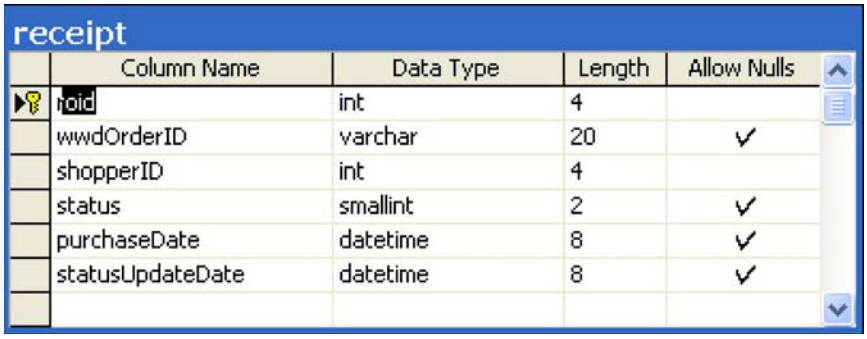
The user attribute is populated for the reseller by the API with the user ID. The shopper's new ID is returned to the reseller and is used to populate the user field in the order.

If supplied in the request, the client transaction identifier (clTRID) value must be unique across all requests currently pending with the client service. If not supplied, the client service will create a unique String and insert it into the request before forwarding the request to the server. The clTRID value that is returned in the response message will be the value that was supplied in the request or the one inserted by the client service.

Receipt Table

The following is an example of a receipt table, which is where the reseller might keep track of all orders with WWD.



Important elements:

• roid is the unique ID for an Order. Order items will reference by this field.

• wwdOrderID is the unique ID that WWD will send back to the reseller when the order is received.

• purchaseDate and statusUpdateDate will be in the messages received by the reseller from WWD.

Receipt_item Table

The following is an example of a receipt_item table, which the reseller might use to store individual items of an order. For instance, it might have a domain registration, a domain transfer, or any product that WWD offers.

Important elements:

• **riid** is a unique ID representing a single item in an order.

• **roid** is a foreign key to the receipt table. It references the unique ID of an order.

• **wwdItemID** will be returned to you through a message in the API.

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• **quantity** can be more than one. For instance the customer can order 12 .COM domain names.

• **status** represents the status of this item. Do not confuse it with the status of an order. Status notifications apply to individual items in an order. To receive the status of an item, run a poll command. Store the status attribute value (in the XML String returned by the API).

- 1 - Delivered
- 2 - Processed
- 3 - Cancelled
- 4 - Renewed
- 5 - Auto-renew failed
- 6 - Auto-renew off
- 7 - Auto-renew on
- 8 - Domain captured
- 9 - Registry DCC error
- 19 - Transfer away
- 20 - Resource ID change
- 21 - Transfer in
- 50 - Email storage exceeded
- 96 - Invalid details
- 97 - Insufficient funds
- 98 - Not processed
- 99 - Invalid product
- 999 - Error with Customer Account, contact Reseller Support

• **productID** is the wwdProductID not your productID.

• **duration** will be returned in a message from the API. The duration attribute has a default value of "1", which means 1 of whatever duration is implicit in the product id (for instance, for a 2 year domain registration, duration="1" means 1 2-year period). The only time the duration needs to be specified is when purchasing dbp for an already-registered domain. In this case, an info command is sent asking what the duration should be for the domain in question, then the duration returned by that request is inserted into the duration attribute on the dbp item in the order.

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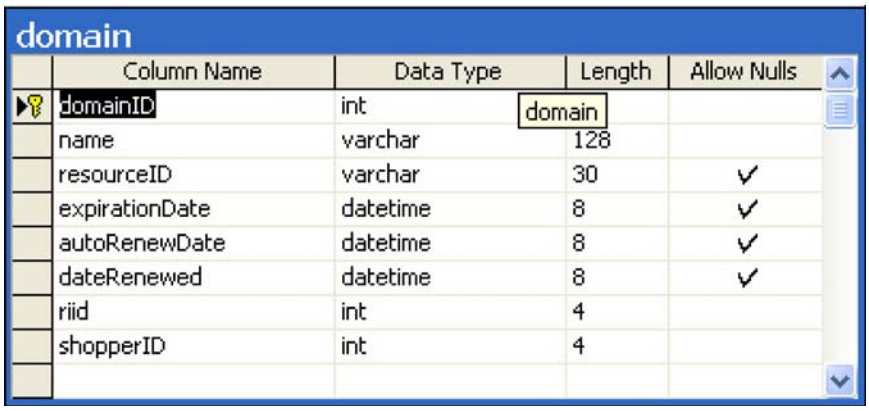
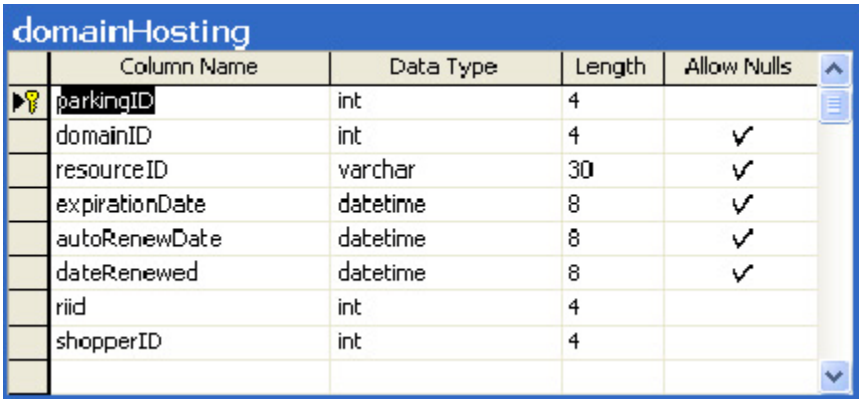
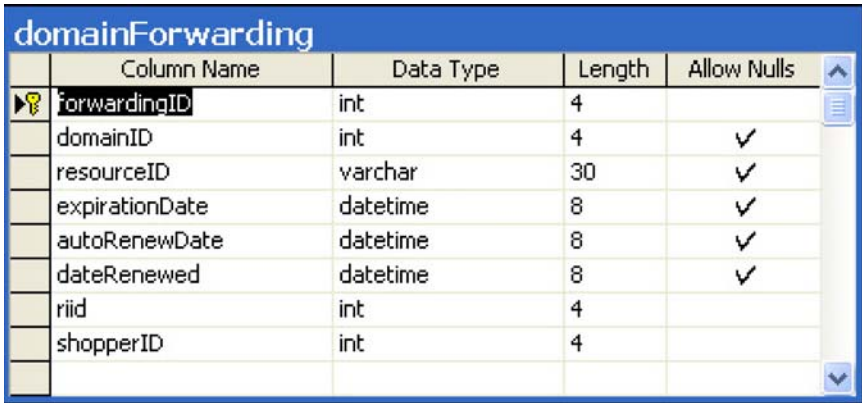
Domain Request Tables

The next five tables are examples of domain request tables, which the reseller might use to store details for new domain requests.







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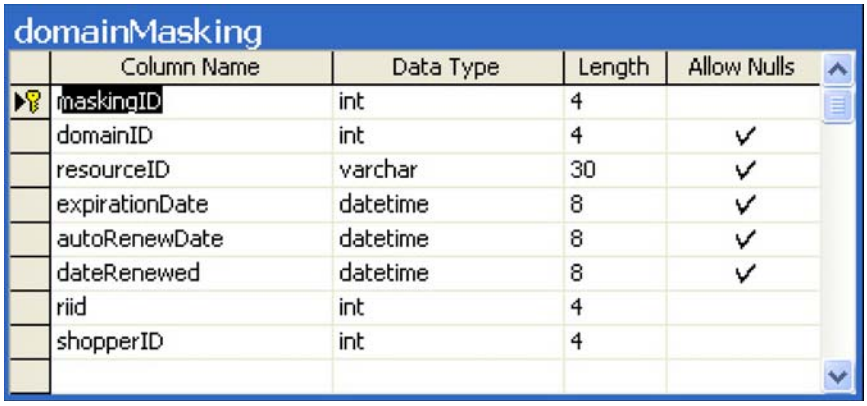
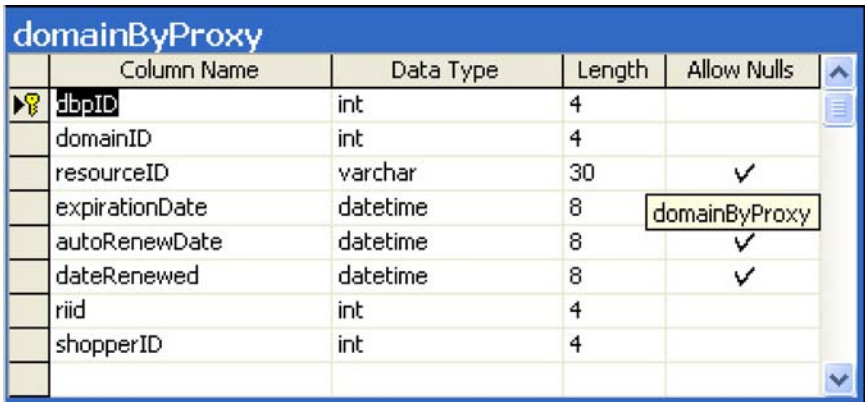


domainMasking

Column Name	Data Type	Length	Allow Nulls
maskingID	int	4	
domainID	int	4	✓
resourceID	varchar	30	✓
expirationDate	datetime	8	✓
autoRenewDate	datetime	8	✓
dateRenewed	datetime	8	✓
riid	int	4	
shopperID	int	4	



domainByProxy

Column Name	Data Type	Length	Allow Nulls
dbpID	int	4	
domainID	int	4	
resourceID	varchar	30	✓
expirationDate	datetime	8	
autoRenewDate	datetime	8	✓
dateRenewed	datetime	8	✓
riid	int	4	
shopperID	int	4	

domainByProxy

Important elements:

• No matter what shoppers want to do with a domain, they must have a domain with the reseller and with Wild West Domains. The domain is uniquely identified by the domainID.

• The resourceID, expirationDate, autoRenewDate, and dateRenewed are returned to the reseller in a message from the WWD API.

• riid comes from the riid field in the receipt_item table.

• shopperID comes from the shopperID field in the shopper table.

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4. WWD Reseller API Web Service Methods

The WWD API Web service exposes methods that the reseller's Web site or application can call to utilize the Wild West Domains' services. The Web service methods can be called from any client written in any programming language that supports SOAP (Simple Object Access Protocol).

Some complicated methods (e.g. OrderDomains and UpdateNameServer) have parameters that require passing custom WWD API objects, and these objects in turn are comprised of other WWD API objects, a hierarchy of objects.

NOTE: The term object denotes the instance of a type (or class). Sometimes these two terms are used interchangeably.

To access the Wild West Domains Reseller API Web service, reference the following WSDL in your web service client application:

https://api.wildwestdomains.com/wswwdapi/wapi.asmx?wsdl (PROD)

https://api.ote.wildwestdomains.com/wswwdapi/wapi.asmx?wsdl (OTE)

NOTE: To view the SOAP request and response XML of an API Web service method, load the URL https://api.wildwestdomains.com/wswwdapi/wapi.asmx into a browser (it will then list all the methods available in the Web service), and then click the method name.

WEB SERVICE METHOD FORMAT

You communicate with the WWD API Server by invoking the available methods and receiving responses from the API in the XML format.

All methods (except ProcessRequest) takes the form:

```
class WAPI
{     …
      String MethodXXX( String clTRID, Credential cred, /*other parameters*/ )
      …
}
```

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clTRID (Client Transaction Identifier)

This parameter is used to identify the originating request and subsequent response from the API. It must be a unique value across all pending API requests.

Cred (Credential Object)

This parameter contains the account and password information that the web service needs to validate (along with the configured IP address) to determine if the transaction is legitimate.

RETURN XML FORMAT

The web service API processes reseller requests and returns XML response to be used or persisted by the reseller. The format of this XML depends on whether the request was successfully executed. A response to a successful request takes the following format:

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Cancel

Used to cancel existing resources.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sType	String	[Required] Cancellation type. Values: **immediate -** Specifies immediate cancellation of the resource. **deferred -** Cancels the resource on their expiration date. Turns auto-renew off. The status is returned as 6 when this command id passed. **restore -** Reverses the previous deferred setting. Turn auto-renew back on. The status returned as 7 when this command is passed.
idArray	String[]	[Required] Array of resources to cancel and is the resource id value of that resource(s) which was returned in a prior notification message.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

String[] idArray = new String[3];

idArray[0] = "dbp:48570";
idArray[1] = "dbp:48571";
idArray[2] = "dbp:48572";

sReturnXml = wapi.Cancel( CLTRID, cred, "deferred", idArray );
```

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CheckAvailability

Used to check the availability of domain names, name servers and hosts. These checks should be made before placing domain orders. At least one of the following elements are required, but as many as necessary can be sent.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sDomainArray	String[]	[Optional] Checks the availability of the domain names.
sHostArray	String[]	[Optional] Checks the availability of the host names.
sNSArray	String[]	[Optional] Checks the availability of the domain name servers.

Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

String sDomains = new String[2];

sDomains[0] = “mytestdomain1.org”;
sDomains[1] = “mytestdomain2.org”;

sReturnXml = wapi.CheckAvailability(sCLTRID, cred,
sDomains, null, null);
```

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CheckDomains

Checks the availability of domains, supports IDN domain checks.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: client hostname + transaction id (e.g. host01.1, host01.231).
credential	Credential	[Required] sWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
domainArray	CheckDomain[]	[Required] Array of WsW-WDAPI.CheckDomain objects.

Code Example

```
String sReturnXml, sCLTRID;

wapi.WAPISoapClient client = new wapi.WAPISoapClient();

sCLTRID = System.Guid.NewGuid().ToString();

wapi.Credential cred = new wapi.Credential();
cred.Account = “reseller”;
cred.Password = “password”;

wapi.CheckDomain[] domainArray = new wapi.CheckDomain[1];
domainArray[0] = new CheckDomain();
domainArray [0].name = “domain”;
domainArray [0].idnScript = “IDN country code”;

sReturnXml = client.CheckDomains(sCLTRID, cred, domainArray);
```

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CheckUser

Used to check whether the account information for the specified user is valid or not. Result code 1000 is valid; 1001 invalid.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sType	String	[Required] Account type is specified as either "subaccount" or "dbp".
sUser	String	[Required] The shopper ID to validate.
sPwd	String	[Required] The password for the specified user. Password validation is not done when type = "subaccount".

Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

sReturnXml = wapi.CheckUser( sCLTRID, cred, "user", "subaccount",
   "password" );
```

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CreateNewShopper

Used for creating a new reseller sub-account (shopper). This is a way to create a new reseller sub-account without submitting a new order.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account ID and password used to validate the transaction.
sPwd	String	[Required] Minimum 5 characters, maximum 20 characters. This is the password that is to be assigned to the new shopper.
sEmail	String	[Required] Maximum 100 characters. New shopper's email. Must be in a valid email address format. For example, a@b.c.d.com or a@b.us.
sFirstName	String	[Required] Maximum 50 characters. New shopper's first name.
sLastName	String	[Required] Maximum 50 characters. New shopper's last name.
sPhone	String	[Required] Format: +[0-9]{1,3}\.[0-9]{1,12} Example: +1.4805058800 The new shopper's phone number.
sPwdHint	String	[Optional] Maximum 256 characters. A password hint that is displayed to the user upon request on the Web site.

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Parameter	Type	Usage
sFax	String	[Optional] Fax number. Maximum 100 characters. Can be in any format.
sCompany	String	[Optional] Name of the organization. Maximum 100 characters.
sAddress	String	[Optional] Street address. Maximum 100 characters.
sCity	String	[Optional] City of residence. Maximum 100 characters.
sState	String	[Optional] State or province. Maximum 100 characters.
sZip	String	[Optional] Postal code. Maximum length 100 characters.
sCountry	String	[Optional] Country of residence. Maximum 100 characters.
sShopperPin	String	[Optional] 4-digit PIN.

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Describe

Returns activity time-out and version information from the server. This method is usually used for testing the connectivity to the API servers.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	WsWWDAPI.Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.

Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

sReturnXml = wapi.Describe( sCLTRID, cred );
```

DomainForwarding (DEPRECATED)

[This method is DEPRECATED, use the UpdateDomainForwarding method.] This method is used for forwarding a domain to a specified URL.

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GetDomainAlertCredits

Used to query the number of DomainAlert, private backorder, and backorder credits.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sUser	String	[Required] The value must be a previously stored user ID.

Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

sReturnXml = wapi.DomainAlertCredits( sCLTRID, cred, "user" );
```

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GetIDNLanguageList

This method is used for retrieving languages for IDN TLDs.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sTLD	String	[Required] The TLD that is being queried.

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GetExpiringNameList

Used to get the list of expiring domain names for users that have an Investors Edge subscription.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sUser	String	[Required] The value must be a previously stored user ID. Pass in "top-level" to get a list of all the expiring domain names for the reseller (all sub-accounts within the reseller).
nLength	Int32	[Optional] default=1 The page for which to retrieve results (any number between <page_min> and <page_max>, inclusive).
sDashes	String	[Optional] Specifies if it includes dashes. Valid values: ■ hasdashes ■ hasnodashes
sNumbers	String	[Optional] Specifies if it includes numbers. Valid values: ■ hasnumbers ■ hasnonumbers

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Parameter	Type	Usage
sWildcardSearch	String	[Optional] Specifies the wild card search to use Valid values: ■ startswith ■ contains ■ endswith
sSearchCriteria	String	[Optional] Specifies the search criteria to use.
sTLDs	String	[Optional] This is a pipe-separated list of the tlds to consider. If not specified, it defaults to "COM|NET|ORG|INFO|BIZ|US".
nPage	Int32	[Optional] default=1 The page for which to retrieve results (any number between <page_min> and <page_max>, inclusive).
nRowsPerPage	Int32	[Optional] default=1000 The number of rows per page.

Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

sReturnXml = wapi.ExpiringNameList( sCLTRID, cred, "top-level", 0,
                                    null, null, null, null, null, 0, 0 );
```

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GetMonitoredDomainList

Used to query a list of monitored domains.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sUser	String	[Required] The value must be a previously stored user ID.
nPage	Int32	[Optional] default=1 The page for which to retrieve results (any number between <page_min> and <page_max>, inclusive).
nRowsPerPage	Int32	[Optional] default=1000 The number of rows per page.

Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

sReturnXml = wapi.GetMonitoredDomainList( sCLTRID, cred, "user", 0, 0 );
```

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GetPunycodeIDN

This method encodes a Unicode (UTF-8) domain to Punycode format.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sDomain	String	[Required] The domain being queried.

GetUnicodeIDN

This method decodes a Punycode domain to Unicode (UTF-8) format..

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sDomain	String	[Required] The domain being queried.

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Info

Used to get information about items that have been previously been ordered. Item details are returned only if the resource was purchased by the requesting reseller.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sResourceID	String	[Optional] The resource id of the item for which details are requested. This parameter is optional only if either domain or order id is provided. Specifies the resource whose information will be retrieved, but only if the resource is owned by the logged in reseller.
sType	String	[Optional] The type of information being requested. Default value = standard. **standard -** Returns the standard information regarding the resource. What is standard varies from resource to resource. **name -** Applicable to domain resources only. This value returns the domain name. **createDate -** Returns the creation date of the resource (e.g., when it was purchased). **ownerID -** Returns the shopper id of the owner of the resource. **expirationDate -** Returns the expiration date of the resource. **status -** Returns the status of the resource (this is not the order status, but indicates if the particular resource is active or not). This status values vary from resource to resource.

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Parameter	Type	Usage
		maxRenewYears - Applicable to domain resources only. This value returns the number of years for which a particular domain may be renewed up to a maximum of 10. **dbpDuration -** Applicable to domain resources only. Returns the proper duration value for a Domains By Proxy® order that is adding privacy to an existing domain name. **access -** Applicable to domain resources only. This value returns a list of the shopper IDs that have management rights to this resource. **autoRenewDate -** Returns the auto renew date of the resource. If an empty String is returned, the resource will not be auto-renewed. **dns -** Applicable to domain resources only. This value returns the DNS resource record information from the zone file associated with the given domain. **contactEmails** - Applicable to domain resources only. This value returns the contact email addresses for the following contacts: registrant, admin, and tech. **contacts -** Applicable to domain resources only. This value returns all contact information for the registrant “0”, technical “1” , admin “2” and billing “3” contacts. **nameservers -** Applicable to domain resources only. This value returns the current name servers for a domain.
sDomain	String	[Optional] The domain of the item for which details are requested. This parameter is optional only if either resource id or order id is provided. Information about the domain, as specified by the sType parameter, is returned, but only if the specified domain was registered by the logged in reseller.

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Parameter	Type	Usage
sOrderID	String	[Optional] The order id of the item for which details are requested. This parameter is optional only if either resource id or domain is provided. Information about the order status of all items in the order will be returned, but only if the order id given was placed by the logged in reseller.

Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account = "reseller";
cred.Password = "password";

sReturnXml = m_WAPIObj.Info( sCLTRID, m_Credential, null, null, null,
"1414658"  );

// Parse the return XML and process it.
```

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ManageTransfer

Used for managing the transfer of domains.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
domainArray	Domain[]	[Required] Array of WsWWDAPI.Domain types.
sAction	String	[Required] The transfer action that is applied on the domains. Valid values: ■ sendAuthCode ■ restartXfrIn ■ approveXfrIn ■ denyXfrIn ■ retryXfrIn ■ cancelXfrIn ■ approveXfrOut ■ denyXfrOut

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.Domain domain = new WsWWDAPI.Domain();
WsWWDAPI.Domain[] domainArray = new WsWWDAPI.Domain[1];
domain.resourceid = "1519008";
domain.mngTRID = "654644";
domainArray[0] = domain;

sReturnXml = wapi.ManageTransfer( sCLTRID, cred, domainArray,
                                  "sendEmail" );
```

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ModifyDNS

This method is used for modifying the DNS configuration for a given domain..

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: client hostname + transaction id (e.g. host01.1, host01.231).
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
dnsRequestArray	DNSRequest	[Required] Array of WsWWDAPI.DNSRequest types.
sDomain	String	[Required] The domain whose DNS configurations are to be modified.

Code Example

```
String sReturnXml;
String sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.DNSRequest[] dnsReqArray = new WsWWDAPI.DNSRequest[3];

dnsReqArray[0] = new WsWWDAPI.DNSRequest();
dnsReqArray[0].action   = "set";
dnsReqArray[0].recType  = "A";
dnsReqArray[0].recValue = "127.0.0.1";

dnsReqArray[1] = new WsWWDAPI.DNSRequest();
dnsReqArray[1].action   = "set";
dnsReqArray[1].recType  = "CNAME";
dnsReqArray[1].key= "www";
dnsReqArray[1].recValue = "whs.wildwestdomains.com";

dnsReqArray[2] = new WsWWDAPI.DNSRequest();
dnsReqArray[2].action   = "set";
dnsReqArray[2].recType  = "MX";
dnsReqArray[2].recValue = "whs.wildwestdomains.com ";


sReturnXml = m_WAPIObj.ModifyDNS(sCLTRID, m_Credential, dnsReqArray,
   "testdomain.com");
```

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NameGen (DEPRECATED)

[This method is **DEPRECATED**, use the NameGenDB method.] Used to get the list of alternative domain names based on a given name.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sSLD	String	[Required] Second level domain name (i.e., "abc" from "abc.com").
sTLD	String	[Required] Top level domain (i.e. "com" from "abc.com")
sTLDs	String	[Optional] This is a pipe-separated list of the tlds to consider. If not specified, it defaults to "COM|NET|ORG|INFO|BIZ|US".
nRows	Unsigned Int16	[Optional] default=25. The number of results to return at a time (the page size).
bHypens	Boolean	[Optional] default=true. True allows hyphens in results, false blocks them.
bNumbers	Boolean	[Optional] default=true. True allows numbers in results, false blocks them.
nMaxlen	Unsigned Int16	[Optional] default=0. Excludes domains over the given length (set to 0 to include all lengths).
bIntelliSearch	Boolean	[Optional] default=false. True executes a "smart" search, false a normal search.
nPage	Unsigned Int16	[Optional] default=1. The page for which to retrieve results.
sTime	String	[Optional] Used to reference an existing result set. To retrieve additional results for a query, insert the value of the returned time.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

sReturnXml = wapi.NameGen( sCLTRID, cred, "mytestdomain", "org",  org|net",
5, true, false, 9, false, 1, null );
```

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NameGenDB

Used to get the lists of alternative domain names based on a given name (Domains Bot).

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: client hostname + transaction id (e.g. host01.1, host01.231)
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sKey	String	[Required] This is the name that will be used as the reference for generating the names.
nMaxResults	Unsigned Int16	[Optional] Maximum number of results to be returned. Default is 25.
bExcludeTaken	Boolean	[Optional] If true, domains are checked for availability and only those available are returned. Default is true.
sTLDs	String	[Optional] Extensions and rate factors of the returned domains. Values are a "|"-separated list of tld, factor pairs. For example: "NET,0.8|COM,0.9|BIZ,0.4". Default: "COM,1.0|NET,1.0|ORG,1.0|INFO,1.0|BIZ,1.0|US,1.0".
bAddPrefix	Boolean	[Optional] If true, popular prefixes are added to the search term to generate more names. Default is true.
bAddSuffix	Boolean	[Optional] If true, popular suffixes are added to the search term to generate more names. Default is true.
bAddDashes	Boolean	[Optional] If true, dashes are added to generate more names. Default is true.
bAddRelated	Boolean	[Optional] If true, keywords are added to generate more names. Default is true.
bAddRelated	Boolean	[Optional] If true related keywords are added to generate more names. Default is true.

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Parameter	Type	Usage
bAdvancedSplit	Boolean	[Optional] If true, the domainsbot advanced split algorithm is used, otherwise Key is split on spaces only. Default is false.
bBaseOnTop	Boolean	[Optional] If true, the original typed name is placed first, overriding rank. Default is false.
nMaxWaitSeconds	Integer	Number of seconds to wait before it cancels and returns results back to the caller. This prevents timeouts if the call is taking too long. **NOTE:** Used on the NameGenDBWithTime-Limit method.

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

sReturnXml = wapi.NameGenDB( sCLTRID, m_Credential, “mytestdomain.com”,
25, true, “org|net”, true, true, true, true, false, false );
```

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NameGenDBWithTimeLimit

Used to get the lists of alternative domain names based on a given name (Domains Bot).

OrderCredits

Used to place orders for items that do not require customization information. (Refer to Appendix A for a list of product IDs for available products and services.)

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
shopper	Shopper	[Required] WsWWDAPI.Shopper type. The reseller's customer. Pertains to the individual user or customer.
items	OrderItem[]	[Required] Array of WsWWDAPI.OrderItem objects.
sROID	String	[Optional] Maximum length 50 characters. May contain any characters. Optional reseller-supplied order identifier. If given, this value is returned in all notification messages concerning the order.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.Shopper shopper = new WsWWDAPI.Shopper();
shopper.user    = "123456";
shopper.pwd     = "password";
shopper.dbpuser = "121212";
shopper.dbppwd  = "password";

WsWWDAPI.OrderItem orderItem = new WsWWDAPI.OrderItem();
order.productid = 123456;
order.quantity  = 1;
order.riid      = "2";
order.duration  = 1;

WsWWDAPI.OrderItem[] orders  = new WsWWDAPI.OrderItem[1];
orders[0] = orderItem;

sReturnXml = wapi.OrderCredits(sCLTRID, cred, shopper, orders, "1" );
```

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OrderDomainBackOrders

Used to backorder an existing (public or private) domain name. (Refer to Appendix A for a list of product IDs for available products and services.)

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
shopper	Shopper	[Required] WsWWDAPI.Shopper type. The reseller's customer. Pertains to the individual user or customer.
items	DomainBackOrder[]	[Required] Array of WsWWDAPI.DomainBackOrder objects.
sROID	String	[Optional] Maximum length 50 characters. May contain any characters. Optional reseller-supplied order identifier. If given, this value is returned in all notification messages concerning the order.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.Shopper shopper = new WsWWDAPI.Shopper();
shopper.user = "123456";
shopper.pwd  = "password";

WsWWDAPI.ContactInfo registrant = new WsWWDAPI.ContactInfo();
registrant.fname="John";
registrant.lname="Doe";
registrant.org="Wild West Reseller";
registrant.email="jdoe@coolexample.com";
registrant.sa1="123 Sample St.";
registrant.sa2="Suite 1";
registrant.city="Scottsdale";
registrant.sp="Arizona";
registrant.pc="85260";
registrant.cc="United States";
registrant.phone="+1.4805058857";
registrant.fax="+1.4808241499";

WsWWDAPI.DomainBackOrder[] domainBackOrdArray = new
  WsWWDAPI.DomainBackOrder[1];
domainBackOrdArray[0] = new WsWWDAPI.DomainBackOrder();

WsWWDAPI.OrderItem order = new WsWWDAPI.OrderItem();
domainBackOrdArray[0].order = order;
domainBackOrdArray[0].order.productid = 377001;
domainBackOrdArray[0].order.quantity = 1;
domainBackOrdArray[0].order.riid = "1";
domainBackOrdArray[0].order.duration = 1;

domainBackOrdArray[0].sld = "mysampledomain";
domainBackOrdArray[0].tld = "net";
domainBackOrdArray[0].registrant = registrant;

sReturnXml = wapi.OrderDomainBackOrders( "TXN.12", cred, shopper,
                                domainBackOrdArray, "1" );
```

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OrderDomainPrivacy

Used to add privacy to an existing domain registration. (Refer to Appendix A for a list of product IDs for available products and services.)

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
shopper	Shopper	[Required] WsWWDAPI.Shopper type. The reseller's customer. Pertains to the individual user or customer.
items	DomainByProxy[]	[Required] Array of WsWWDAPI.DomainByProxy objects.
sROID	String	[Optional] Maximum length 50 characters. May contain any characters. Optional reseller-supplied order identifier. If given, this value is returned in all notification messages concerning the order.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.Shopper shopper = new WsWWDAPI.Shopper();
shopper.user = "123456";
shopper.pwd  = "password";

WsWWDAPI.DomainByProxy[] dbpArray = new WsWWDAPI.DomainByProxy[1];
dbpArray[0] = new WsWWDAPI.DomainByProxy();

dbpArray[0].order = new WsWWDAPI.OrderItem();
dbpArray[0].order.productid = 377001;
dbpArray[0].order.quantity = 1;
dbpArray[0].order.riid = "1";
dbpArray[0].order.duration = 1;

dbpArray[0].sld = "mysampledomain";
dbpArray[0].tld = "net";

sReturnXml = wapi.OrderDomainByProxies( "TXN.12", cred, shopper,
                                        dbpArray, "1" );
```

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OrderDomainRenewals

Used to place orders for renewing registrations for domain names. (Refer to Appendix A for a list of product IDs for available products and services.)

NOTE: In cases where the domain being renewed has privacy assigned to it, the reseller needs to call the OrderPrivateDomainRenewals method instead.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
shopper	Shopper	[Required] WsWWDAPI.Shopper type. The reseller's customer. Pertains to the individual user or customer.
items	DomainRenewal[]	[Required] Array of WsWWDAPI.DomainRenewal objects.
sROID	String	[Optional] Maximum length 50 characters. May contain any characters. Optional reseller-supplied order identifier. If given, this value is returned in all notification messages concerning the order.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.Shopper shopper = new WsWWDAPI.Shopper();
shopper.user = "123456";
shopper.pwd  = "password";

WsWWDAPI.DomainRenewal[] domainRenewArray =
new WsWWDAPI.DomainRenewal[1];
domainRenewArray[0] = new WsWWDAPI.DomainRenewal();

domainRenewArray[0].order = new WsWWDAPI.OrderItem();
domainRenewArray[0].order.productid = 350041;
domainRenewArray[0].order.quantity = 1;
domainRenewArray[0].order.riid = "1";
domainRenewArray[0].order.duration = 1;

domainRenewArray[0].resourceid = "domain:1519008";
domainRenewArray[0].sld = "mysampledomain";
domainRenewArray[0].tld = "net";
domainRenewArray[0].period = 1;

sReturnXml = wapi.OrderDomainRenewals( "TXN.12", cred, shopper,
                            domainRenewArray, "1" );
```

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OrderDomains

Used to register new domain names. (Refer to Appendix A for a list of product IDs for available products and services.)

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
shopper	Shopper	[Required] WsWWDAPI.Shopper type. The reseller's customer. Pertains to the individual user or customer.
items	DomainRegistration[]	[Required] Array of WsWWDAPI.DomainRegistration objects.
dbpItems	DomainByproxy[]	[Optional] Array of WsWWDAPI.DomainByProxy objects. Note: Match a DomainByProxy object to specific DomainRegistration objects (domains that are registered via a proxy).
sROID	String	[Optional] Maximum length 50 characters. May contain any characters. Optional reseller-supplied order identifier. If given, this value is returned in all notification messages concerning the order.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.Shopper shopper = new WsWWDAPI.Shopper();
shopper.user = "123456";
shopper.pwd  = "password";

WsWWDAPI.ContactInfo registrant = new WsWWDAPI.ContactInfo();
registrant.fname="John";
registrant.lname="Doe";
registrant.org="Wild West Reseller";
registrant.email="jdoe@coolexample.com";
registrant.sa1="123 Sample St.";
registrant.sa2="Suite 1";
registrant.city="Scottsdale";
registrant.sp="Arizona";
registrant.pc="85260";
registrant.cc="United States";
registrant.phone="+1.4805058857";
registrant.fax="+1.4808241499";

WsWWDAPI.DomainRegistration[] domainRegArray = new
WsWWDAPI.DomainRegistration[1];
domainRegArray[0] = new WsWWDAPI.DomainRegistration();

domainRegArray[0].order = new WsWWDAPI.OrderItem();
domainRegArray[0].order.productid = 350030;
domainRegArray[0].order.quantity = 1;
domainRegArray[0].order.riid = "1";
domainRegArray[0].order.duration = 1;
domainRegArray[0].sld = "mysampledomain";
domainRegArray[0].tld = "net";
domainRegArray[0].period = 1;
domainRegArray[0].registrant = registrant;
domainRegArray[0].admin = registrant;
domainRegArray[0].billing = registrant;
domainRegArray[0].tech = registrant;
```

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```
WsWWDAPI.DomainByProxy[] dbpArray = new WsWWDAPI.DomainByProxy[1];
dbpArray[0] = new WsWWDAPI.DomainByProxy();

dbpArray[0].order = new WsWWDAPI.OrderItem();
dbpArray[0].order.productid = 377001;
dbpArray[0].order.quantity = 1;
dbpArray[0].order.riid = "2";
dbpArray[0].order.duration = 1;
dbpArray[0].sld = "devwapi001";
dbpArray[0].tld = "net";

sReturnXml = wapi.OrderDomains( sCLTRID, cred, shopper,
domainRegArray, dbpArray, "1" );
```

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OrderDomainTransfers

Used to transfer ownership of a domain from one user to another. (Refer to Appendix A for a list of product IDs for available products and services.)

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
shopper	Shopper	[Required] WsWWDAPI.Shopper type. The reseller's customer. Pertains to the individual user or customer.
items	DomainTransfer[]	[Required] Array of WsWWDAPI.DomainTransfer objects.
sROID	String	[Optional] Maximum length 50 characters. May contain any characters. Optional reseller-supplied order identifier. If given, this value is returned in all notification messages concerning the order.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.Shopper shopper = new WsWWDAPI.Shopper();
shopper.user = "123456";
shopper.pwd  = "password";

WsWWDAPI.DomainTransfer[] domainXferArray = new
   WsWWDAPI.DomainTransfer[1];
domainXferArray[0] = new WsWWDAPI.DomainTransfer();

domainXferArray[0].order = new WsWWDAPI.OrderItem();
domainXferArray[0].order.productid = 350160;
domainXferArray[0].order.quantity = 1;
domainXferArray[0].order.riid = "1";
domainXferArray[0].order.duration = 1;

domainXferArray[0].sld = "mysampledomain";
domainXferArray[0].tld = "net";

sReturnXml = wapi.OrderDomainTransfers( "TXN.12", cred, shopper,
                              domainXferArray, "1" );
```

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OrderPrivateDomainRenewals

Used to place orders for renewing registrations for private domain names. Also, this method can be called to renew combinations of both public and private domains. (Refer to Appendix A for a list of product IDs for available products and services.)

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
shopper	Shopper	[Required] WsWWDAPI.Shopper type. The reseller's customer. Pertains to the individual user or customer.
items	DomainRenewal[]	[Required] Array of WsWWDAPI.DomainRenewal objects.
dbpItems	DBPRenewal[]	[Required] Array of WsWWDAPI.DBPRenewal objects. Please refer to the ResourceRenewal type as DBPRenewal is a type definition of ResourceRenewal.
sROID	String	[Optional] Maximum length 50 characters. May contain any characters. Optional reseller-supplied order identifier. If given, this value is returned in all notification messages concerning the order.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.Shopper shopper = new WsWWDAPI.Shopper();
shopper.user = "123456";
shopper.pwd  = "password";

WsWWDAPI.DomainRenewal[] domainRenewArray =
new WsWWDAPI.DomainRenewal[1];
domainRenewArray[0] = new WsWWDAPI.DomainRenewal();

domainRenewArray[0].order = new WsWWDAPI.OrderItem();
domainRenewArray[0].order.productid = 350041;
domainRenewArray[0].order.quantity = 1;
domainRenewArray[0].order.riid = "1";
domainRenewArray[0].order.duration = 1;

domainRenewArray[0].resourceid = "domain:1519008";
domainRenewArray[0].sld = "myprivatedomain";
domainRenewArray[0].tld = "net";
domainRenewArray[0].period = 1;

WsWWDAPI.ResourceRenewal[] dbpitems = new
WsWWDAPI.ResourceRenewal[1];
dbpitems[0] = new WsWWDAPI.ResourceRenewal();
WsWWDAPI.OrderItem order1 = new WsWWDAPI.OrderItem();

dbpitems[0].order = order1;
dbpitems[0].order.productid = 387001;
dbpitems[0].order.quantity = 1;
dbpitems[0].order.duration = 1;
dbpitems[0].resourceid = “dbp:20105”;

sReturnXml = wapi.OrderPrivateDomainRenewals( “TXN.12”, cred, shopper,
domainRenewArray, dbpitems, “1” );
```

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OrderResourceRenewals

Used to renew non-domain items. (Refer to Appendix A for a list of product IDs for available products and services.)

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
shopper	Shopper	[Required] WsWWDAPI.Shopper type. The reseller's customer. Pertains to the individual user or customer.
items	ResourceRenewal[]	[Required] Array of WsWWDAPI.ResourceRenewal objects.
sROID	String	[Optional] Maximum length 50 characters. May contain any characters. Optional reseller-supplied order identifier. If given, this value is returned in all notification messages concerning the order.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.Shopper shopper = new WsWWDAPI.Shopper();
shopper.user = "123456";
shopper.pwd  = "password";

WsWWDAPI.ResourceRenewal[] resourceRenewArray =
new WsWWDAPI.ResourceRenewal[1];
resourceRenewArray[0] = new WsWWDAPI.ResourceRenewal();

resourceRenewArray[0].order = new WsWWDAPI.OrderItem();;
resourceRenewArray[0].order.productid = 377001;
resourceRenewArray[0].order.quantity = 1;
resourceRenewArray[0].order.riid = "1";
resourceRenewArray[0].order.duration = 1;

resourceRenewArray[0].resourceid = "trafblazer:14119";

sReturnXml = wapi.OrderResourceRenewals( "TXN.12", cred, shopper,
                                         resourceRenewArray, "1" );
```

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Poll

Retrieves status notifications about pending orders. Receiving a success after submitting an Order method indicates the order was successfully submitted but is in a pending state and has to be fulfilled in our system. You should call the Poll method once a day to receive the status of your orders and the resource IDs for each of the domains/resources in an order.

This method should be periodically called to keep track of the status of the orders (e.g. whether the orders were fulfilled or not).

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sOp	String	[Optional] The only valid value for this parameter is "req", which is the default value. This requests that pending notifications be delivered.

Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

sReturnXml = wapi.Poll( sCLTRID, cred, "req" );
```

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ProcessRequest

This method provides support for submitting legacy WAPI XML requests (deprecated).

Parameter	Type	Usage
sRequestXML	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").

Notes

When submitting a WAPI request XML, the root element (<wapi>) should include three required attributes: clTRID, account and pwd.

If ProcessRequest is being called using a raw SOAP request, the WAPI xml being passed as a String inside the sRequestXML node (refer to https://api.wildwestdomains.com/wsw-wdapi/wapi.asmx?op=ProcessRequest), should be xml encoded. See below:

Raw XML required prior to being encoded:

```
<wapi clTRID="YOURCLTRID" account="YOURACCOUNT"
pwd="YOURPASSWORD">
<manage>
<script cmd="reset"/>
</manage>
</wapi>
```

Encoded XML information:

```
&lt;wapi clTRID=&quot;YOURCLTRID&quot; account=&quot;YOURAC-
COUNT&quot; pwd=&quot;YOURPASSWORD&quot;&gt;&lt;manage&gt;&lt;script
cmd=&quot;reset&quot;/&gt;&lt;/manage&gt;&lt;/wapi&gt;
```

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();

sReturnXml = wapi.ProcessRequest("<wapi clTRID='localhost.1'
                                        account='reseller'
                                       pwd='password'><describe/></wapi>");
```

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RemoveDomainAlert

Used to remove an existing DomainAlert record.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sDomainMonitorID	Int32	[Required] ID of the DomainAlert record to modify.
sUser	String	[Required] The value must be a previously stored user ID.

Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

sReturnXml = wapi. RemoveDomainAlert( sCLTRID, cred, "45678", "user" );
```

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ResetPassword

Used to reset the users password in the WWD system.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sUser	String	[Required]The value must be a previously stored user ID.
sEmail	String	Maximum 80 characters. The user's email address. Must be in a valid email address format. For example, a@b.c.d.com or a@b.us. If user="createNew", then this field is required.
sPwd	String	Minimum 5 characters, maximum 20 characters. This is the new password that is to be assigned to the account.
sPwdHint	String	Maximum 256 characters. A password hint that will be displayed to the user upon request on the Web site. If not present, then the account will not have a password hint.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

sReturnXml = wapi.ResetPassword( sCLTRID, cred, "user", "password",
                                 "jdoe@coolexample.com", null );
```

Response XML Format (Request Failure)

A failed request returns XML with the format below:

```
<response>
<result code="1001">
<msg><!-- specific failure message text goes here --></msg> </result>
</response>
```

A code attribute value other than 1000 (in this case, 1001) signifies a failed request.

Response XML Format (Request Success)

```
<response clTRID="reseller. 0000000001">
<result code="1000" />
<msg><!- specific api message goes here --></msg>
<resdata>
        <!-- specific api response goes here -->
</resdata>
</response>
```

The code attribute value communicates to the reseller whether the request was successful (code="1000"). Data that is pertinent to the specific request appears within the resdata element.

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SetDomainLocking

Used for setting or clearing the lock on a list of domains.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
domainArray	Domain[]	[Required] Array of WsWWDAPI.Domain types.
sLockVal	String	[Required] Specifies whether to lock or unlock. Valid values: ■ yes ■ no

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.Domain domain = new WsWWDAPI.Domain();
WsWWDAPI.Domain[] domainArray = new WsWWDAPI.Domain[1];
domain.resourceid = "1519008";
domain.mngTRID = "654644";
domainArray[0] = domain;

sReturnXml = wapi.SetDomainLocking( sCLTRID, cred, domainArray, "yes" );
```

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SetShopperInfo

Used to allow the reseller to modify the user information for either their top-level account or any of its sub-accounts. DBP accounts cannot be modified using this type. DBP information should be changed on the DBP site.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format:client hostname + transaction id (e.g. host01.1, host01.231).
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sUser	String	[Required] Either a valid sub-account ID or "top-level". If "top-level" is specified, the reseller's account information will be changed. If a sub-account is specified, only the information for that sub-account will be changed.
sEmail	String	[Optional] Must be in a valid email address format. For example, a@b.c.d.com or a@b.us. Maximum 100 characters. If included, this value cannot be passed as an empty String. Note: Pass null if this info will not be changed.
sFirstName	String	[Optional] Contact's first name. Not required if "lastname" has a value. Maximum 30 characters. If included, this value cannot be passed as an empty String. Note: Pass null if this info will not be changed.

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Parameter	Type	Usage
sLastName	String	[Optional] Contact's last name. Not required if "firstname" has a value. Maximum 50 characters. If included, this value cannot be passed as an empty String. Note: Pass null if this info will not be changed.
sPhone	String	[Optional] Phone number. Maximum 100 characters. Can be in any format. If included, this value cannot be passed as an empty String. Note: Pass null if this info will not be changed.
sFax	String	[Optional] Fax number. Maximum 100 characters. Can be in any format. Note: Pass null if this info will not be changed.
sCompany	String	[Optional] Name of the organization. Maximum 100 characters. Note: Pass null if this info will not be changed.
sAddress	String	[Optional] Street address. Maximum 100 characters. Note: Pass null if this info will not be changed.
sCity	String	[Optional] City of residence. Maximum 100 characters. Note: Pass null if this info will not be changed.
sState	String	[Optional] State or province. Maximum 100 characters. Note: Pass null if this info will not be changed.

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Parameter	Type	Usage
sZip	String	[Optional] Postal code. Maximum length 100 characters. Note: Pass null if this info will not be changed.
sCountry	String	[Optional] Country of residence. Maximum 100 characters. Note: Pass null if this info will not be changed.
sShopperPin	String	[Optional] 4-digit shopper pin number. Note: Pass null or an empty String if this info will not be changed.

Code Example

```
String sReturnXml, sCLTRID;
sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account = "reseller";
cred.Password = "password";

sReturnXml = wapi.SetShopperInfo( sCLTRID, cred, "123456",
                                  "jdoe@coolexample.com", "John", "Doe",
                                  "1.4805058857", "+1.4808241499",
                                  "Wild West Domains", "123 Sample St.
                                  Suite 1", "Scottsdale", "Arizona",
                                  "85260", "United States", "1234" );
```

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SetupDomainAlert

Used to set up DomainAlert® credit or backorder a domain.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
domainAlert	DomainAlert	[Required] The type of DomainAlert that needs to be setup. Refer to DomainAlert type.
registrant	ContactInfo	[Required] The registrant contact information.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.ContactInfo registrant = new WsWWDAPI.ContactInfo();
registrant.fname="John";
registrant.lname="Doe";
registrant.org="Wild West Reseller";
registrant.email="jdoe@coolexample.com";
registrant.sa1="123 Sample St.";
registrant.sa2="Suite 1";
registrant.city="Scottsdale";
registrant.sp="Arizona";
registrant.pc="85260";
registrant.cc="United States";
registrant.phone="+1.4805058857";
registrant.fax="+1.4808241499";

WsWWDAPI.DomainAlert domainAlert = new WsWWDAPI.DomainAlert();

domainAlert.user   = "user";
domainAlert.email  = "user@coolexample.com";
domainAlert.domain = "sampledomain";
domainAlert.tld    = "com";
domainAlert.privateReg = 1;
domainAlert.backorder  = 1;

sReturnXml = wapi.SetupDomainAlert( sCLTRID, cred, domainAlert,
                                    registrant );
```

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UpdateDomainAlert

Used to update an existing DomainAlert record.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
domainAlert	DomainAlert	[Required] The DomainAlert that needs to be updated. Refer to DomainAlert type.
registrant	ContactInfo	[Required] The registrant contact information.
sDomainMonitorID	String	[Required] ID of the DomainAlert record to modify.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.ContactInfo registrant = new WsWWDAPI.ContactInfo();
registrant.fname="John";
registrant.lname="Doe";
registrant.org="Wild West Reseller";
registrant.email="jdoe@coolexample.com";
registrant.sa1="123 Sample St.";
registrant.sa2="Suite 1";
registrant.city="Scottsdale";
registrant.sp="Arizona";
registrant.pc="85260";
registrant.cc="United States";
registrant.phone="+1.4805058857";
registrant.fax="+1.4808241499";

WsWWDAPI.DomainAlert domainAlert = new WsWWDAPI.DomainAlert();

domainAlert.user   = "user";
domainAlert.email  = "user@coolexample.com";
domainAlert.domain = "sampledomain";
domainAlert.tld    = "com";
domainAlert.privateReg = 1;
domainAlert.backorder  = 1;

sReturnXml = wapi. UpdateDomainAlert( sCLTRID, cred, domainAlert,
                                "45678", registrant );
```

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UpdateDomainContact

Used for modifying associated contact information for the given domains.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
domainArray	Domain[]	[Required] Array of WsWWDAPI.Domain types.
registrant	ContactInfo	[Optional] The registrant contact. Refer to ContactInfo type.
admin	ContactInfo	[Optional] The admin contact. Refer to ContactInfo type.
billing	ContactInfo	[Optional] The billing contact. Refer to ContactInfo type.
tech	ContactInfo	[Optional] The tech contact. Refer to ContactInfo type.

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Code Example

```
String sReturnXml, sCLTRID;

 sCLTRID = System.Guid.NewGuid().ToString();

 WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.ContactInfo registrant = new WsWWDAPI.ContactInfo();
registrant.fname="John";
registrant.lname="Doe";
registrant.org="Wild West Reseller";
registrant.email="jdoe@coolexample.com";
registrant.sa1="123 Sample St.";
registrant.sa2="Suite 1";
registrant.city="Scottsdale";
registrant.sp="Arizona";
registrant.pc="85260";
registrant.cc="United States";
registrant.phone="+1.4805058857";
registrant.fax="+1.4808241499";

WsWWDAPI.Domain domain = new WsWWDAPI.Domain();
WsWWDAPI.Domain[] domainArray = new WsWWDAPI.Domain[1];
domain.resourceid = "1519008";
domain.mngTRID = "654644";
domainArray[0] = domain;

sReturnXml = wapi.UpdateDomainContact( sCLTRID, cred, domainArray,
                                registrant, null, null, null );
```

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UpdateDomainForwarding

Used for performing multiple domain forwarding.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sForwardingURL	Forwarding	[Required] The URL where the domain is being redirected to.
domainArray	Domain[]	[Required] Array of WsWWDAPI.Domain types.
sAction	String	[Required] The action applied to the domains for modifying domain forwarding. Valid Values: ■ update ■ remove

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Code Example

```
String sReturnXml, sCLTRID;
sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account = "reseller";
cred.Password = "password";

WsWWDAPI.Domain domain = new WsWWDAPI.Domain();
WsWWDAPI.Domain[] domainArray = new WsWWDAPI.Domain[1];

domain.resourceid = "1519008";
domain.mngTRID = "654644";
domainArray[0] = domain;

sReturnXml = wapi.UpdateDomainForwarding( sCLTRID, cred, domainArray,
"update", "http//redirecthere.com");
```

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UpdateDomainMasking

Used for performing multiple domain masking operations.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account ID and password used to validate the transaction.
sForwardingURL	Forwarding	[Required] The URL to which the domain is being redirected.
domainArray	Domain[]	[Required] Array of WsWWDAPI. Domain types.
sAction	String	[Required] The action applied to the domains for modifying domain forwarding. Valid Values: - update - remove
sMaskingMetatagTitle	String	[Optional] A short title that describes your Web site, up to 80 characters.
sMaskingMetatagDesc	String	[Optional] A short description about your Web site, up to 150 characters.
sMaskingMetatagKeyword	String	[Optional] Keywords that describe your page, separated by commas or spaces, up to 500 characters. Search engines use keywords to identify the content on your Web site.

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UpdateDomainOwnership

Used when the ownership of a domain or resource has changed so that the owner information can be updated to reflect the new customer information, including user ID and password. Changes the ownership of a resource from one end-user to another (both must be end-users of the currently logged in reseller). Currently, only domain resources may have their ownership changed.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sResourceid	String	[Required] The ID of the resource for which ownership change is requested.
sLosingUser	String	[Required] The user id of the losing resource owner.
gaining	GainingOwner	[Required] The gaining (new) resource owner. Refer to the GainingOwner type.

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Code Example

```
String sReturnXml, sCLTRID;
sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account = "reseller";
cred.Password = "password";

GainingOwner gainingOwner = new GainingOwner();
ShopperNoDBP shopperNoDBP = new ShopperNoDBP();
shopperNoDBP.user = "gainer";
shopperNoDBP.phone = "+1.4805058857";

gainingOwner.shopperNoDBP = shopperNoDBP;

sReturnXml = wapi.ChangeDomainOwnership( sCLTRID, cred, "rscid",
"losing", gainingOwner);
```

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UpdateNameServer

Used for modifying associated name servers for the given domains.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
domainArray	Domain[]	[Required] Array of WsWWDAPI.Domain types.
nsArray	NS[]	[Required] Array of WsWWDAPI.NS types.

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Code Example

```
String sReturnXml, sCLTRID;

sCLTRID = System.Guid.NewGuid().ToString();

WsWWDAPI.WAPI wapi = new WsWWDAPI.WAPI();
WsWWDAPI.Credential cred = new WsWWDAPI.Credential();

cred.Account  = "reseller";
cred.Password = "password";

WsWWDAPI.Domain domain = new WsWWDAPI.Domain();
WsWWDAPI.Domain[] domainArray = new WsWWDAPI.Domain[1];
domain.resourceid = "1519008";
domain.mngTRID = "654644";
domainArray[0] = domain;

WsWWDAPI.NS[] nsArray = new WsWWDAPI.NS[2];
nsArray[0] = new WsWWDAPI.NS();
nsArray[1] = new WsWWDAPI.NS();
nsArray[0].name = "ns1.coolexample.com";
nsArray[1].name = "ns2.coolexample.com";

sReturnXml = wapi.ModifyNameServer( sCLTRID, cred, domainArray, nsArray );
```

ValidateRegistration

Used for validating a new domain's period and contact information.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.

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Parameter	Type	Usage
domainContacts	DomainContacts	[Required] The domain contact information. Refer to the DomainContacts type.
domainDataArray	DomainData[]	[Optional] Array of DomainData objects. Refer to the DomainData type.

OrderServices

The Order Service Method is used to place an order for services, including email, email forwarding, SMTP relay and/or related add-ons.

To access the Reseller API Order Services, reference the following WSDL in your web service client application:

https://api.wildwestdomains.com/wswwdapi/wapi.asmx?op=OrderServices

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
shopper	Shopper	[Required] WsWWDAPI.Shopper type. The reseller's customer. Pertains to the individual user or customer.
ProductGroupArray	ProductGroup[]	[Required] Array of WsWWDAPI.ProductGroup objects. Contains the list of service and related add-on items.

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Parameter	Type	Usage
sROID	String	[Optional] Maximum length 50 characters. May contain any characters. Optional reseller-supplied order identifier. If given, this value is returned in all notification messages concerning the order.

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Code Example - Ordering a Service without Add-Ons

```
String sReturnXml;
   String sCLTRID = System.Guid.NewGuid().ToString();

   WsWWDAPI.WAPI WAPIObj = new WsWWDAPI.WAPI();

   Credential credential = new WsWWDAPI.Credential();
   credential.Account  = "my_account";
   credential.Password = "my_password";

   WsWWDAPI.Shopper shopper = new WsWWDAPI.Shopper();

   //New Reseller Customer
   shopper.user      = "createNew";
   shopper.pwd       = "password";
   shopper.firstname = "John";
   shopper.lastname  = "Doe";
   shopper.email     = "jdoe@email.com";
   shopper.phone     = "480-1234567";
   shopper.pin       = "1234";

   WsWWDAPI.ProductGroup[] emailProds = new WsWWDAPI.ProductGroup[1];
   emailProds[0] = new WsWWDAPI.ProductGroup();

   emailProds[0].OrderItem = new WsWWDAPI.OrderItem();
   emailProds[0].OrderItem.productid = 371865;
   emailProds[0].OrderItem.quantity = 1;

   sReturnXml = WAPIObj.OrderServices( sCLTRID,
                                       credential,
                                       shopper,
                                       emailProds,
                                       "a-unique-roid" );
   Console.WriteLine(sReturnXml);
```

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Code Example - Ordering a Service with Add-Ons

```
String sReturnXml;
   String sCLTRID = System.Guid.NewGuid().ToString();

   WsWWDAPI.WAPI WAPIObj = new WsWWDAPI.WAPI();

   Credential credential = new WsWWDAPI.Credential();
   credential.Account  = "my_account";
   credential.Password = "my_password";

   WsWWDAPI.Shopper shopper = new WsWWDAPI.Shopper();

   //New Reseller Customer
   shopper.user      = "createNew";
   shopper.pwd       = "password";
   shopper.firstname = "John";
   shopper.lastname  = "Doe";
   shopper.email     = "jdoe@email.com";
   shopper.phone     = "480-1234567";
   shopper.pin       = "1234";

   WsWWDAPI.ProductGroup[] emailProds = new WsWWDAPI.ProductGroup[1];
   emailProds[0] = new WsWWDAPI.ProductGroup();

   emailProds[0].OrderItem = new WsWWDAPI.OrderItem();
   emailProds[0].OrderItem.productid = 371865;
   emailProds[0].OrderItem.quantity = 1;

   //Add-Ons: Email Upgrade and Email Storage Upgrade
   emailProds[0].OrderItemAddOnArray    = new WsWWDAPI.OrderItem[2];
   emailProds[0].OrderItemAddOnArray[0] = new WsWWDAPI.OrderItem();
   emailProds[0].OrderItemAddOnArray[0].productid = 774;
   emailProds[0].OrderItemAddOnArray[0].quantity = 1;
   emailProds[0].OrderItemAddOnArray[1] = new WsWWDAPI.OrderItem();
   emailProds[0].OrderItemAddOnArray[1].productid = 6635;
   emailProds[0].OrderItemAddOnArray[1].quantity = 1;

   sReturnXml = WAPIObj.OrderServices( sCLTRID,
                                       credential,
                                       shopper,
                                       emailProds,
                                       "a-unique-roid" );
   Console.WriteLine(sReturnXml);
```

Note: A successful call to OrderServices() method indicates that the order was successfully submitted. It does not mean that the order was processed or fulfilled successfully. The Poll() method needs to be called to return the notfication status of the order and the resource IDs of the services once it fulfilled.

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Add-ons do not have their own resource ID. They are dependent on service that they are attached to.

Once you retrieve the resource ID via the Poll() method, use the Info() method to get detailed information on a particular service and its attached add-ons.

SetServiceAddOnQty

Use the SetServiceAddOnQty() Method to add a new or remove (downgrade) an add-on to an existing service. If the quantity set is equal to the current add-on quantity (returned by the Info() method), no action is taken. If the quantity is greater than the current add-on quantity, an order is submitted to purchase additional add-ons, else the add-on is downgraded to the set quantity.

To access the Reseller API Set Service Add-on, reference the following WSDL in your web service client application:

WSDL: https://api.wildwestdomains.com/wswwdapi/wapi.asmx?op=SetServiceAddOnQty

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sResourceid	String	[Required] The ID of the resource for which ownership change is requested.
nProductID	Unsigned Int32	[Required] The add-on product ID that you want to add, upgrade, downgrade or remove.

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Parameter	Type	Usage
sROID	String	[Optional] Maximum length 50 characters. May contain any characters. Optional reseller-supplied order identifier. If given, this value is returned in all notification messages concerning the order.

Code Example

```
String sReturnXml;
  String sCLTRID = System.Guid.NewGuid().ToString();

  WsWWDAPI.WAPI WAPIObj = new WsWWDAPI.WAPI();

  Credential credential = new WsWWDAPI.Credential();
  credential.Account  = "my_account";
  credential.Password = "my_password";

  //Set qty. of 3 for the Email Storage Upgrade add-on for the existing
  //email service [resourceid=”email:12345678”].
  sReturnXml = WAPIObj.SetServiceAddOnQty( sCLTRID,
                                  credential,
                                  "email:12345678",
                                  6635,
                                  3 );
  Console.WriteLine(sReturnXml);
```

Note: Prior to calling the SetServiceAddOnQty(), you must call the Info() method to know the current add-on quantities and the resulting action (an order submission or a downgrade submission) when a new order is submitted via SetServiceAddOnQty().

You need to call the Info() method at a later time to determine if the add-on order or the downgrade have fulfilled. It will reflect the quantity that was set for the add-on. The Poll() method has no resource ID, and thus will not return any resource ID for the add-on.

The purchase price for add-ons to an existing service will be prorated based on the duration of the service that it is being attached. For example, if the email service is 0.5 (6 months) away to expiration, that duration is applied to the add-on when purchased.

OrderServiceRenewals

The OrderServiceRenewals Method is used for placing a renewal order for services (e.g. email, email forwarding, SMTP relay, etc.).

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To access the Reseller API Order Service Renewals, reference the following WSDL in your web service client application:

WSDL: https://api.wildwestdomains.com/wswwdapi/wapi.asmx?op=OrderServiceRenewals

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
shopper	Shopper	[Required] WsWWDAPI.Shopper type. The reseller's customer. Pertains to the individual user or customer.
items	ServiceRenewal[]	[Required] Array of WsWWDAPI. ServiceRenewal objects.
sROID	String	[Optional] Maximum length 50 characters. May contain any characters. Optional reseller-supplied order identifier. If given, this value is returned in all notification messages concerning the order.

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Code Example

```
String sReturnXml;
   String sCLTRID = System.Guid.NewGuid().ToString();

   WsWWDAPI.WAPI WAPIObj = new WsWWDAPI.WAPI();

   Credential credential = new WsWWDAPI.Credential();
   credential.Account  = "my_account";
   credential.Password = "my_password";

   WsWWDAPI.Shopper shopper = new WsWWDAPI.Shopper();

   //Existing Reseller Customer
   shopper.user = "11223344";

   WsWWDAPI.ServiceRenewal[] items = new
   WAPIClient.WsWWDAPI.ServiceRenewal[1];

   items[0] = new WAPIClient.WsWWDAPI.ServiceRenewal();
   items[0].order = new WAPIClient.WsWWDAPI.OrderItem();
   items[0].order.productid = 381865;
   items[0].order.quantity = 1;
   items[0].resourceid = "email:12345678";

   sReturnXml = WAPIObj.OrderServiceRenewals( sCLTRID,
                                      credential,
                                      shopper,
                                      items,
                                      "a-unique-roid" );
   Console.WriteLine(sReturnXml);
```

NOTE: When you renew a service, all the attached add-ons automatically renew.

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GetAutoResponderForEmail

The GetAutoResponderForEmail method is used to retrieve the Auto Response/Vacation settings for an email address.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address that is being queried.

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GetCatchallStatusForEmail

The GetCatchallStatusForEmail method determines if an email address is a catchall for its domain. Expected Responses are:

- 0 = Email address does not have IMAP capability enabled
- 1 = Email address has IMAP capability enabled.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address that is being queried.

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GetDiskUsageForEmail

The GetDiskUsageForEmail method retrieves the Disk Space used and quota for an email address.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address that is being queried.

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GetEmailAddressInfoForShopper

The GetEmailAddressInfoForShopper is used to get detailed information about a single or all email addresses associated with the given shopper.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address that is being queried.

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Parameter	Type	Usage
nDynamicData	Int32	[Optional] Dynamic Data value. Values: **0** = Do not calculate actual usage statistics for each email address **1** = Return real-time usage statistics for each email address **NOTE**: A value of 1 can cause the performance of this web service to degrade drastically depending on how many email addresses are included in the response object.
nType	Int32	[Required] Email types to retrieve. Values: **0** = All **1** = Emails **2** = Forwards
bActive	Boolean	[Required] Active addresses only. Values: **False** = All addresses **True** = Active only **NOTE**: Required only when the email address parameter is not supplied.

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GetEmailAddressesForDomain

The GetEmailAddressesForPlan method is used to get a list of email addresses associated with a domain ordered by username..

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sDomain	String	[Required] The domain for which email accounts are being requested.
nType	Int32	[Required] Email types to retrieve. Values: **0** = all **1** = emails **2** = forwards

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Parameter	Type	Usage
bActive	Boolean	[Required] Active addresses only. Values: **False** = All addresses **True** = Active only

GetEmailAddressesForPlan

The GetEmailAddressesForPlan method is used to get a list of email addresses associated with a resource ID.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.

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Parameter	Type	Usage
sResourceID	String	[Required] The resource ID for which email accounts are being requested.
bActive	Boolean	[Required] Active addresses only. Values: **False** = All addresses **True** = Active only

GetEmailAddressesForShopper

The GetEmailAddressesForShopper method is used to get email addresses associated with the given shopper.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).

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Parameter	Type	Usage
sShopper	String	[Required] The reseller shopper that owns the account being queried.
nType	Int32	[Required] Email types to retrieve. Values: **0** = all **1** = emails **2** = forwards
bActive	Boolean	[Required] Active addresses only. Values: **False** = All addresses **True** = Active only

GetEmailPlanInfoForShopper

The GetEmailPlanInfoForShopper method is used to get detailed information about a single, or all, email/forwarding plans associated with the given shopper.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.

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Parameter	Type	Usage
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sResourceID	String	[Optional] The resource ID of the account being queried.
nType	Int32	[Required] Email types to retrieve. Values: **0** = all **1** = emails **2** = forwards
nDynamicData	Int32	[Optional] Dynamic Data value. Values: **0** = Do not calculate actual usage statistics for each email address **1** = Return real-time usage statistics for each email address **NOTE**: A value of 1 can cause the performance of this web service to degrade drastically depending on how many email addresses are in each plan.

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GetEmailPlansForDomain

The GetEmailPlansForDomain method is used to get a list of email and email forwarding resource IDs associated with the given domain name.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sDomain	String	[Required] The domain for which email accounts are being requested.

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Parameter	Type	Usage
nType	Int32	[Required] Email types to retrieve. Values: **0** = all **1** = emails **2** = forwards

GetEmailPlansForShopper

The GetEmailPlansForShopper method is used to get a list of email and email forwarding resource IDs associated with the given shopper.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).

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Parameter	Type	Usage
sShopper	String	[Required] The reseller shopper that owns the account being queried.
nType	Int32	[Required] Email types to retrieve. Values: **0** = all **1** = emails **2** = forwards

GetIMAPForEmail

The GetIMAPForEmail method is used to get a list of email and email forwarding resource IDs associated with the given shopper. Expected responses are:

- 0 = Email address does not have IMAP capability enabled
- 1 = Email address has IMAP capability enabled

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.

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Parameter	Type	Usage
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address being queried.

GetRIMForEmail

The GetRIMForEmail method is used to retrieve the RIM status for an email address.Expected responses are:

- 0 = Email address does not have IMAP capability enabled
- 1 = Email address has IMAP capability enabled

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.

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Parameter	Type	Usage
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address being queried.

GetSMTPRelayInfoForShopper

The GETSMTPRelayInfoForShopper method is used to get detailed info about a single SMTP relay product, or for every SMTP relay products associated with the given shopper.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.

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Parameter	Type	Usage
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sResourceID	String	[Optional] Restrict the result to information for a single SMTP Relay resource ID.
nType	Int32	[Required] Email types to retrieve. Values: **0** = all **1** = assigned only **2** = unassigned only

GetSMTPRelayPlansForDomain

The GetSMTPRelayPlansForDomain method is used to get a list of SMTP relay resource IDs associated with the given domain.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").

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Parameter	Type	Usage
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sDomain	String	[Required] The domain name of an email address to which an SMTP Relay plan must be associated to be included in the response.

GetSMTPRelayPlansForEmail

The GetSMTPRelayPlansForEmail method is used to get a list of SMTP relay resource IDs associated with the given email address.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").

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Parameter	Type	Usage
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address to which an SMTP Relay plan must be associated to be included in the response.

GetSMTPRelaysForEmail

The GetSMTPRelaysForEmail method is used to retrieve the SMTP relays allotted and used for the given email address.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").

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Parameter	Type	Usage
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address to which an SMTP Relay plan must be associated to be included in the response.

GetSMTPRelaysForShopper

The GetSMTPRelaysForShopper method is used to get a list of SMTP relays associated with the given shopper.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").

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Parameter	Type	Usage
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
nType	Int32	[Required] Email types to retrieve. Values: **0** = all **1** = assigned only **2** = unassigned only

GetStatusForEmail

The GetStatusForEmail method is used to retrieve the current status of an email.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").

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Parameter	Type	Usage
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
returnCfg	ReturnConfig	[Optional] WsWWDAPI.ReturnConfig type. Members: **pageNumber** – the page number to be returned. **resultsPerPage** – the number of results per page. **orderBy** – order of the results by a specific return data. **sortOrder** – Either ASC or DESC (ascending or descending).
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmail Address	String	[Required] The email address that is being queried.

MoveEmailAccount

The MoveEmailAccount method is used to reassign an email address to a different email plan.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").

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Parameter	Type	Usage
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address that is being moved.
sResourceID	String	[Required] The resource ID of the Email Service/Plan receiving the email address.
nDiskSpace	Int32	[Optional] The megabytes granted to the email address. If not supplied, the disk space remains the same, or is downgraded to the space available on the plan. If the destination email plan is an “unlimited space” plan, this parameter is ignored.

RemoveEmailAddress

The RemoveEmailAddress method deletes an email address. This web service performs the first of 2 stages for “email removal”. The second stage of removal is an automatic process that is not exposed through the API.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").

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Parameter	Type	Usage
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address that is being moved.

RemoveRIMAccount

The Remove RIMAccount method is used to unsubscribe an email address from RIM.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address that is being moved.
sSubscription	String	Required] The ‘X-Subscription-Id’ value from the original request headers from the customer.

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RemoveSMTPRelay

The RemoveSMTPRelay method is used to remove a specific SMTP relay from an email address by the given resource ID.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address that is being moved.
sResourceID	String	[Required] The resource ID of the SMTP relay being unassigned.

RenameEmailPlan

The RenameEmailPlan method is used to change the customer facing description of an email or email forwarding plan.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").

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Parameter	Type	Usage
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sResourceID	String	[Required] The resource ID of the SMTP relay being unassigned.
sName	String	[Required] The new name/description of the email plan.

SetAutoResponder

The SetAutoResponder method is used to create/update an email/forwarding account's Auto Responder.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address whose auto responder is being modified.

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Parameter	Type	Usage
nAR_Status	Int32	[Optional] The auto responder status value. Values: **0** = Deactivate the auto responder. **1** = Activate the auto responder.
sAR_Message	String	[Optional] The body content of an activated auto responder. **Note**: If nAR_Status is 0, this parameter is ignored.
sAR_Subject	String	[Optional] The subject line to use in the auto responder. If this value is blank, the original subject of the inbound email is used. **Note**: If nAR_Status is 0, this parameter is ignored.
sAR_Start	String	[Optional] CCYY-MM-DD HH:MM:SS formatted time when the auto responder is engaged. 0000-00-00 00:00:00 = Activate immediately •If this parameter is not supplied for an existing auto responder, the start time will not be changed. •If this parameter is not supplied for a new auto responder, the start time is immediate. **Note**: If nAR_Status is 0, this parameter is ignored.

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Parameter	Type	Usage
sAR_End	String	[Optional] CCYY-MM-DD HH:MM:SS formatted time when the auto responder is disengaged. 0000-00-00 00:00:00 = Never disengage •If this parameter is not supplied for an existing auto responder, the end time will not be changed. •If this parameter is not supplied for a new auto responder, no end time is set. **Note**: If nAR_Status is 0, this parameter is ignored.
sAR_From	String	[Optional] The from address to use in the auto responder. If this value is blank, the original to address of the inbound email is used. **Note**: If nAR_Status is 0, this parameter is ignored.

SetEmailAccount

The SetEmailAccount method is used to create/update an email/forwarding account.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.

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Parameter	Type	Usage
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address whose auto responder is being modified.
sResourceID	String	[Required] The resource ID of the SMTP relay being unassigned.
sPassword	String	[Optional] The plain text password that is used to access the Web Based Email, POP & SMTP and IMAP for the account. [Required] for new email addresses. **Note**: If the email address exists and this parameter is not supplied, the password for the account will NOT be changed.
nDiskSpace	Int32	[Optional] The number of megabytes allocated for the email address. •The parameter is only required for NEW email addresses not assigned to an “Unlimited Space Email Plan”. •If the email address is assigned to an “Unlimited Space Email Plan”, this parameter is ignored. **Note**: If the email address exists and this parameter is not supplied, the disk space for the account will NOT be changed.
nCatchAll	Int32	[Optional] The catch-all value. Values: **0** = The email address is NOT a catch-all for the domain. **1** = The email address will serve as a catch-all for the domain.

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Parameter	Type	Usage
sCC	String	[Optional] Comma-delimited email address to which this email address will forward all received email. This parameter is required if the plan is a forwarding plan. **Note**: If the email address exists and this parameter is not supplied, the password for the account will NOT be changed.
nSMTPRelays	Int32	[Optional] The number of SMTP Relays this account is allowed to perform in any given 24 hour period. •If a value is supplied, it must be in multiples of 50, with 250 as the minimum. •If a value exceeding 250 is supplied, there must be sufficient unassigned SMTP Relay plans available to allocate the requested quantity.
bSpamFilter	Boolean	[Optional] Flag to turn on/off spam filtering.
nAR_Status	Int32	Optional] The auto responder status value. Values: **-1** = Make no changes to any auto responder associated with this email address. **0** = Deactivate the auto responder. **1** = Activate the auto responder.
sAR_Message	String	[Optional] The body content of an activated auto responder. **Note**: If nAR_Status is -1 or 0, this parameter is ignored.

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Parameter	Type	Usage
sAR_Subject	String	[Optional] The subject line to send in the auto responder. If this value is blank, the original subject of the inbound email is used. **Note**: If nAR_Status is -1 or 0, this parameter is ignored.
sAR_Start	String	[Optional] CCYY-MM-DD HH:MM:SS formatted time when the auto responder is engaged. 0000-00-00 00:00:00 = Activate immediately •If this parameter is not supplied for an existing auto responder, the start time will not be changed. •If this parameter is not supplied for a new email account, the start time will be immediate. **Note**: If nAR_Status is -1 or 0, this parameter is ignored.
sAR_End	String	[Optional] CCYY-MM-DD HH:MM:SS formatted time when the auto responder is to be disengaged. 0000-00-00 00:00:00 = Never disengage •If this parameter is not supplied for a new email account, the end time will never be changed. •If this parameter is not supplied for a new email account, the end time will be never. **Note**: If nAR_Status is -1 or 0, this parameter is ignored.

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Parameter	Type	Usage
sAR_From	String	[Optional] The from address to send in the auto responder. If this value is blank, the original to address of the inbound email is used. **Note**: If nAR_Status is -1 or 0, this parameter is ignored.

SetRIMAccount

The SetRIMAccount method is used subscribe an email address to RIM.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address to which an SMTP Relay plan must be associated to be included in the response.
sCallBack	String	[Required] The 'X-Call-Back' value from the original request headers from the customer.
sNotification	String	[Required] The 'X-Notification-Info' value from the original request headers from the customer.

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SetSMTPRelays

The SetSMTPRelays method creates or updates and email account's daily SMTP relay settings.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address to which an SMTP Relay plan must be associated to be included in the response.
nSMTPRelays	Int32	[Required] The number of SMTP Relays this account is allowed to perform in any given 24 hour period. The value must be in multiples of 50, with 250 as the minimum. A value exceeding 250 requires sufficient unassigned SMTP Relay plans available to allocate the requested quantity.

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TestEmailPassword

The TestEmailPassword method is used to test an email address' password.

Parameter	Type	Usage
sCLTRID	String	[Required] Maximum length 50. Must be unique in order. Client transaction identifier that must be unique across all requests. Suggested format: GUID or UUID; Globally Unique Identifier or Universally Unique Identifier (e.g. "F9168C5E-CEB2-4FAA-B6BF-329BF39FA1E4").
credential	Credential	[Required] WsWWDAPI.Credential type. This contains the reseller's account id and password used to validate the transaction.
sShopper	String	[Required] The reseller shopper that owns the account being queried.
sEmailAddress	String	[Required] The email address to which an SMTP Relay plan must be associated to be included in the response.
sPassword	String	[Required] The plain text or encrypted password being validated.
bEncrypted	Boolean	Optional] Flags the password as encrypted or plain text. Values: **false** = Password is in plain text format. **true** = Password has been pre-encrypted.

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5. WWD Reseller API Web Service Types

The following are the types (or classes) that are defined in the WWD API Web service. These types have member properties that need to be populated (if they are required). Some of the member properties are types themselves, creating a hierarchy of types.

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CheckDomain

Contains the domain name and IDN script used to check the availability of Internationalized Domain Names.

Inherits

None

Properties

Property	Type	Usage
name	String	[Required] Maximum 63 characters. Domain name to be checked, e.g. “domain.com”
idnScript	String	[Required] 3 letter country code from IDN Language List.

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ContactInfo

Contact information for either the registrant, administrator, billing, or technical contact.

Inherits

None

Properties

Property	Type	Usage
fname	String	[Required] Maximum 30 characters. Contact's first name. Not required if "org" has a value.
lname	String	[Required] Maximum 50 characters. Contact's last name. Not required if "org" has a value.
org	String	[Optional] Name of the organization. This may be given in place of fname, lname.
email	String	[Required] Maximum 80 characters. Must be in a valid email address format. For example, a@b.c.d.com
sa1	String	[Required] Street address. Maximum 30 characters. Pattern: ^[a-zA-Z0-9 #&'()+,-./:;@[\]]+$
sa2	String	[Optional] Street address 2. Maximum 30 characters. Pattern: ^[a-zA-Z0-9 #&'()+,-./:;@[\]]+$
city	String	[Required] Maximum 30 characters. City of residence.
sp	String	[Required] Maximum 30 characters. State or province. Required if cc="United States" or cc="Canada", must be valid state or province name (full name).
pc	String	[Required] Postal code. Maximum length 10 characters. Pattern: ^[a-zA-Z0-9 #&'()+,-./:;@[\]]+$
cc	String	[Required] Country of residence. Must match one of the entries in the Countries table (spelled out name).
phone	String	[Required] Phone number. Format: +[0-9]{1,3}\.[0-9]{1,12} Example: +1.4805058800
fax	String	[Optional] Fax number. Format: +[0-9]{1,3}\.[0-9]{1,12} Example: +1.4805058800

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Credential

Contains the reseller's account id and password used to validate each method call. Each method requires a credential type passed as a parameter.

Inherits

None

Properties

Property	Type	Usage
account	String	[Required] This is the reseller's account id used to validate a method call.
password	String	[Required] This contains the reseller's password used to validate a method call.

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DNSRequest

This type is used in the ModifyDNS method. It contains the DNS record info that will be set or removed.

Inherits

None

Properties

Property	Type	Usage
recType	String	[Required] This is the DNS record type. Valid Values: ■ A ■ CNAME ■ MX ■ SRV ■ TXT
action	String	[Required] This is the action that will be taken. The valid actions are: ■ set ■ remove
recValue	String	[Required] This is the DNS record value. For A records the value should be an IP address. (e.g. 127.0.0.1) For CNAME records the value should be a sub-domain (e.g. whs.wildwestddomains.com) For MX records the value should be priority + {space} + value (e.g. "10 whs.wildwestddo-mains.com" ; where 10 is the priority and whs.wildwestddomains.com is the value) For SRV records the value should be: Service Protocol Priority Weight Port Target (e.g. "_web _tcp 0 1 80 www.example.com"), where each value is separated by a space. For TXT records the value is any text (e.g. "any text value is valid.")

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Property	Type	Usage
key	String	[Optional] This is the DNS record key. This property is required for CNAME records.
ttl	Int32	[Required] This is the Time To Live value.

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Domain

Used in UpdateNameServer, UpdateDomainContact, SetDomainLocking, ManageTransfer and UpdateDomainForwarding methods.

Inherits

None

Properties

Property	Type	Usage
resourceid	String	[Required] The domain's resource ID.
mngTRID	String	[Required] Manager Transaction ID.
tranferKey	String	[Optional] The transfer key that is obtained from an external registrant. Note: This should only be used if part of the UpdateNameServer type.
newAuthInfo	String	[Optional] The authorization info that is obtained from an external registrant. Note: This should only be used if part of the ManageTransfer type.

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DomainAlert

Used for setting up, updating, or removing DomainAlert.

Inherits

None

Properties

Property	Type	Usage
user	String	[Required] The value must be a previously stored user ID.
domain	String	[Required] Maximum 63 characters. Second level domain name (abc of abc.com).
tld	String	[Required] (.com, .net, .org, .us, .biz) Top level domain (com of abc.com).
email	String	[Required] Email address to send DomainAlert notifications to.
privateReg	Int32	[Optional] Used to set up private backordering using a DomainAlert credit. 1 means that the backorder is private, 0 means public.
backOrder	Int32	[Optional] Used to set up backordering using a DomainAlert credit. 1 means that this is a back-order, 2 means that it is not.

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DomainBackOrder

Order type used to backorder an existing (public or private) domain name.

Inherits

OrderItem

Properties

Property	Type	Usage
order	OrderItem	[Required] The type that is used in all the Order methods. Refer to the OrderItem type.
privateBackOrder	Boolean	[Optional] Default Value is false. Specify true if this is a private backorder.
sld	String	[Required] Maximum 63 characters. Second level domain name (abc of abc.com).
tld	String	[Required] (.com, .net, .org, .us, .ws, or .info) Top level domain (com of abc.com).
registrant	ContactInfo	[Required] The registrant contact. Refer to the ContactInfo type.
nexus	Nexus	[Optional] Refer to the Nexus type.
admin	ContactInfo	[Optional] The admin contact. Refer to the ContactInfo type.
billing	ContactInfo	[Optional] The billing contact. Refer to the ContactInfo type.
tech	ContactInfo	[Optional] The tech contact. Refer to the ContactInfo type.

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DomainByProxy

Order type used to add privacy to a domain registration. It can be added to an already registered domain in the same order.

Inherits

OrderItem

Properties

Property	Type	Usage
order	OrderItem	[Required] The type that is used in all the Order methods. Refer to the OrderItem type.
sld	String	[Required] Maximum 63 characters. Second level domain name (abc of abc.com).
tld	String	[Required] (.com, .net, .org, .us, .ws, or .info) Top level domain (com of abc.com).
resourceid	String	[Optional] The resource id returned in a previous notification message associated with the original order for the domain name being renewed.

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DomainContacts

The domain contact information, including the registrant, administrator, billing, or technical contacts.

Properties

Property	Type	Usage
registrant	ContactInfo	[Required] The registrant contact. Refer to the ContactInfo type.
admin	ContactInfo	[Optional] The admin contact. Refer to the ContactInfo type.
billing	ContactInfo	[Optional] The billing contact. Refer to the ContactInfo type.
tech	ContactInfo	[Optional] The tech contact. Refer to the ContactInfo type.

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DomainData

The domain data that is being validated along with the domain contact information. Refer to the method ValidateRegistration().

Properties

Property	Type	Usage
sld	String	[Required] Maximum 63 characters. Second level domain name (abc of abc.com).
tld	String	[Required] (.com, .net, .org, .us, .ws, or .info) Top level domain (com of abc.com).
period	Int32	[Required] Length of the registration, in years. Valid values for most are 1-10.

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DomainRegistration

An Order type used for registering new domains names.

Inherits

OrderItem

Properties

Property	Type	Usage
order	OrderItem	[Required] The type that is used in all the Order methods. Refer to the OrderItem type.
sld	String	[Required] Maximum 63 characters. Second level domain name (abc of abc.com).
tld	String	[Required] (.com, .net, .org, .us, .ws, or .info) Top level domain (com of abc.com).
period	Int32	[Required] Length of the registration, in years. Valid values for most are 1-10.s
registrant	ContactInfo	[Required] The registrant contact. Refer to the ContactInfo type.
nexus	Nexus	[Optional] Refer to the Nexus type.
nsArray	NS[]	[Optional] Array of NS objects. **NOTE:** If not passed, we use the default nameservers. If passing nameservers, the count should be two or more.
admin	ContactInfo	[Optional] The admin contact. Refer to the ContactInfo type.
billing	ContactInfo	[Optional] The billing contact. Refer to the ContactInfo type.
tech	ContactInfo	[Optional] The tech contact. Refer to the ContactInfo type.
autorenewflag	Int32	[Optional] Default value is 1. Suppy 1 to autorenew 0 for manual renew.

NOTE: For developers using the SOAP format, when viewing the OrderDomains method, the SOAP format of NSArray does not propertly display, as follows:

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From (https://api.wildwestdomains.com/wswwdapi/wapi.asmx?op=OrderDomains):

```
<nsArray>
  <NS xsi:nil="true" />
  <NS xsi:nil="true" />
</nsArray>
```

The SOAP format should be:

```
<nsArray>
  <NS>
   <name>String</name>
  </NS>
  <NS>
   <name>String</name>
  </NS>
</nsArray>
```

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DomainRenewal

Order type used to renew registration for an existing domain name.

Inherits

OrderItem

Properties

Property	Type	Usage
order	OrderItem	[Required] The type that is used in all the Order methods. Refer to the OrderItem type.
resourceid	String	[Required] The resource id returned in a previous notification message associated with the original order for the domain name being renewed.
sld	String	[Required] Maximum 63 characters. Second level domain name (abc of abc.com).
tld	String	[Required] (.com, .net, .org, .us, .ws, or .info) Top level domain (com of abc.com).
period	Int32	[Required] Length of the registration, in years. Valid values for most are 1-10.s

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DomainTransfer

Order type used to transfer ownership of a domain from one user to another.

Inherits

OrderItem

Properties

Property	Type	Usage
order	OrderItem	[Required] The type that is used in all the Order methods. Refer to the OrderItem type.
sld	String	[Required] Maximum 63 characters. Second level domain name (abc of abc.com).
tld	String	[Required] (.com, .net, .org, .us, .ws, or .info) Top level domain (com of abc.com).
authInfo	String	[DEPRECATED] Use the ManageTransfer() method to validate transfer requests.

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GainingOwner

Information for the current (losing) or the new (gaining) owner of the resource.

Inherits

None

Properties

Property	Type	Usage
shopperNoDBP	ShopperNoDBP	[Required] Refer to ShopperNoDBP type.
registrant	ContactInfo	[Required] The registrant contact. Refer to ContactInfo type.
admin	ContactInfo	[Optional] The admin contact. Refer to ContactInfo type.
tech	ContactInfo	[Optional] The tech contact. Refer to ContactInfo type.
billing	ContactInfo	[Optional] The billing contact. Refer to ContactInfo type.

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Nexus

Included when registering a .us domain name.

Inherits

None

Properties

Property	Type	Usage
category	String	[Required] Select the value that best describes the prospective owner of the domain. Valid Values: ■ citizen of US ■ permanent resident of US ■ primary domicile in US ■ incorporated or organized in US ■ foreign entity doing business in US ■ foreign entity with office or property in US
use	String	[Required] Select the value that best describes the use for this domain. Valid Values: ■ personal ■ business use for profit ■ non-profit business or organization ■ educational purposes ■ government purposes
Country	String	[Optional] If category is one of the foreign entity values, then the two-letter country code for the owner's home country must be provided.

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NS

The name server for the newly registered name.

Inherits

None

Properties

Property	Type	Usage
name	String	[Required] The name of a previously registered name server (e.g., park1.secureserver.com).

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OrderItem

The type that is used in all the Order methods. It is a property of the following types: DomainRegistration, DomainRenewal, DomainTransfer, DomainByProxy, ResourceRenewal, and DomainBackOrder. (Refer to Appendix A for a list of product IDs for available products and services.)

Inherits

None

Properties

Property	Type	Usage
productid	Int32	[Required] The WWD product ID from the catalog of the item being purchased.
quantity	Unsigned Int32	[Optional] The quantity of the item being purchased (defaults to 1). Must be a positive integer.
riid	String	[Optional] Maximum length 50. May contain any characters. Optional reseller-supplied item identifier. If given, this value will be returned in all notification messages sent to the reseller.
duration	Double	[Optional] Floating point value; default=1.0 The duration of the purchase. This attribute is used only on domainByProxy items. If privacy is being purchased at the same time that the domain name is being registered, then the duration attribute in the domainByProxy item must match the period attribute in the domainRegistration node. If privacy is being purchased for an already-registered domain name, then use the info request to retrieve the proper value for this attribute.

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Product Group

The type used by the OrderServices method containing the order and product information for a service and its associated add-ons (if any).

Properties

Property	Type	Usage
OrderItem	OrderItem	[Required] The OrderItem type similar to all the other Order methods. This will contain the order and product information of the sservice item being bought. Refer to OrderItem type.
OrderItemAddOnArray	OrderItem []	[Required] The array of OrderItems that will contain the order and product information of the add-on(s) associated to service item. Refer to OrderItem type.

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Resource Renewal

Order type used to renew non-domain items.

Inherits

OrderItem

Properties

Property	Type	Usage
order	OrderItem	[Required] The type that is used in all the Order methods. Refer to the OrderItem type.
resourceid	String	[Required] The resource id of the existing item to renew.

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Shopper

The reseller's customer. Pertains to the individual user or customer.

Inherits

ShopperNoDBP

Properties

Property	Type	Usage
dbpuser	String	[Optional] createNew or a previously returned dbpuser ID. User ID for the dbp account. If dbpuser="createNew", then a new dbp account is created using the following 3 properties.
dbppwd	String	[Optional] Minimum 5 characters, maximum 20 characters. If dbpuser="createNew", then this value is assigned as the password to the newly created account.
dbppwdhint	String	[Optional] Maximum 256 characters. Password hint for the new dbp account. This field is always optional. If a domainByProxy item is present and dbpuser="createNew", then this value is assigned to the new dbp account. If not present, then the account will not have a password hint. If dbpuser refers to an existing account ID, then this field is ignored.
dbpemail	String	[Optional] Maximum 80 characters. Email account used to send dbp-related email to the user. Required only if a domainByProxy item is present and dbpuser="createNew".

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ShopperInfo

The reseller's user information for either its top-level account or any of its sub-accounts.

Inherits

None

Properties

Property	Type	Usage
user	String	[Required] Either a valid sub-account ID or "top-level". If "top-level" is specified, the reseller's account information will be changed. If a sub-account is specified, only the information for that sub-account will be changed.
email	String	[Optional] Must be in a valid email address format. For example, a@b.c.d.com or a@b.us. Maximum 100 characters. If included, this value cannot be passed as an empty String.
firstname	String	[Optional] Contact's first name. Not required if "lastname" has a value. Maximum 30 characters. If included, this value cannot be passed as an empty String.
lastname	String	[Optional] Contact's last name. Not required if "firstname" has a value. Maximum 50 characters. If included, this value cannot be passed as an empty String.
phone	String	[Optional] Phone number. Maximum 100 characters. Can be in any format. If included, this value cannot be passed as an empty String.
fax	String	[Optional] Fax number. Maximum 100 characters. Can be in any format.
company	String	[Optional] Name of the organization. Maximum 100 characters.
address	String	[Optional] Street address. Maximum 100 characters.
city	String	[Optional] City of residence. Maximum 100 characters.

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Property	Type	Usage
state	String	[Optional] State or province. Maximum 100 characters.
zip	String	[Optional] Postal code. Maximum length 100 characters.
country	String	[Optional] Country of residence. Maximum 100 characters.

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ShopperNoDBP

The reseller's customer. Pertains to the individual user or customer (without the Domains By Proxy information).

Inherits

None

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Properties

Property	Type	Usage
user	String	[Required] Either createNew or a previously returned user ID. If this value is createNew, then the following attributes are required. If not, then the value must be a previously returned user ID and all of the attributes are ignored, even if present.
pwd	String	[Optional] Minimum 5 characters, maximum 20 characters. Required if user="createNew". This is the password that is to be assigned to the new account. If "user" refers to an existing account ID, then this field is ignored even if present.
pwdhint	String	[Optional] Maximum 256 characters. A password hint that is displayed to the user upon request on the Web site. This field is always optional. If user="createNew", then this field is assigned as the password hint to the new user account. If this field is not present, then the account will not have a password hint. If user refers to an existing account ID, then this field is ignored if present.
email	String	[Optional] Maximum 80 characters. The user's email address. Must be in a valid email address format. For example, a@b.c.d.com or a@b.us. If user="createNew", then this field is required. If user refers to an existing user ID, then this field is ignored.
firstname	String	[Optional] Maximum 30 characters. The user's first name. If user="createNew", then this field is required. If user refers to an existing user ID, then this field is ignored.
lastname	String	[Optional] Maximum 50 characters. The user's last name. If user="createNew", then this field is required. If user refers to an existing user ID, then this field is ignored.
phone	String	[Optional] Format: +[0-9]{1,3}\.[0-9]{1,12} Example: +1.4805058800 The user's phone number. If user="createNew", then this field is required. If user refers to an existing user ID, then this field is ignored.

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6. Data Validation Rules

Registries for some gTLDs and ccTLDs require the registrant to provide a regional contact for the domain. When the registrant applies for domain registration, domain approval is based on contact verification. The contact must reside in the specified region or nation according to the gTLD or ccTLD rules. Registrants must meet the data validation requirements for the domain registration, as follows.

Required Field

Required fields must be completed by the registrant.

Standard Patterns

Standard patterns define a list of valid characters for each contact information field. The regular expressions for these patterns are provided.

Pattern Matching Validation

Pattern matching verifies that the field uses the standard pattern.

Field Lengths Validation

Field length verifies the field contains no more than the maximum number of characters.

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First Name

- Required Field
  - **Exception** - If registrant does not provide a first name, they must enter a Company or Organization name.
  - **Error** - When registrants leave the First Name field empty, the following error displays: 2001 Required Field(s) Missing.
- Standard Pattern
  - a-z A-Z 0-9 . , ( ) \ @ & ‘ (space)
- Pattern Matching Validation
  - **Error 2002** - Pattern Matching Error First Name is Not Valid
  - **Exception** - No validation on transfers
- Field Lengths Validation
  - **Standard** - 30 characters
  - **Exception** - No validation for transfers

Last Name

- Required Field
  - **Exception** - If registrant does not provide a last name, they must enter a Company or Organization name.
  - **Error** - When registrants leave the First Name field empty, the following error displays: 2001 Required Field(s) Missing.
- Standard Pattern
  - a-z A-Z 0-9 . , ( ) \ @ & ‘ (space)
- Pattern Matching Validation
  - **Error 2002** - Pattern Matching Error First Name is Not Valid
  - **Exception** - No validation on transfers
- Field Lengths Validation
  - **Standard** - 30 characters
  - **Exception** - No validation for transfers

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Organization

- Standard Pattern
  - a-z A-Z 0-9 - . , ( ) \ @ & ! ‘ + (space)
- Pattern Matching Validation
  - **Error 2002** - Pattern Matching Error Organization Name is Not Valid.
  - **Exception** - No validation on transfers.
- Field Lengths Validation
  - **Standard** - 100 characters.
  - **Exception** - No validation for transfers.

Address 1

- Required Field
  - **Error** - When registrants leave the Address field blank, the following error displays: 2001 Required Field(s) Missing.
- Standard Pattern
  - **Street 1** - a-z A-Z 0-9 - . , ‘ # * @ / & (space)
  - **Street 2** - a-z A-Z 0-9 - . , ‘ # * @ / & (space)
- Pattern Matching Validation
  - **Error 2002** - Pattern Matching Error First Name is Not Valid
  - **Exception** - No validation on transfers
- Field Lengths Validation
  - **Standard** - 30 characters
  - **Exception** - No validation for transfers

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City

- Required Field
  - **Error** - When registrants leave the City field blank, the following error displays: 2001 Required Field(s) Missing.
- Standard Pattern
  - a-z, A-Z, 0-9 - . , ‘ (space)
- Pattern Matching Validation
  - **Error 2002** - Pattern Matching Error City is not valid.
- Field Lengths Validation
  - **Standard** - 30 characters.

ZIP Code/Postal Code

- Required Field
  - **Error** - When registrants leave the ZIP Code or Postal Code field blank, the following error displays: 2001 Required Field(s) Missing.

    When registrants enter two consecutive space in the ZIP Code or Postal Code field, the following error displays: 2002 Postal Code may not contain two consecutive spaces.
- Standard Pattern
  - a-z A-Z 0-9 - . , ‘ # * @ / & (space)
  - Standard patterns define a list of valid ZIP Code characters and lengths for country ZIP Codes. See the **Country-Specific ZIP Codes** section for more information.
- Pattern Matching Validation
  - **Error 2002** - Pattern matching error Postal Code is not valid.
- Field Lengths Validation
  - **Standard** - 10 characters

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Country

- Required Field
  - **Error** - When registrants leave the Country field blank, the following error displays: 2001 Required Field(s) Missing.
- Standard Pattern
  - a-z, A-Z, 0-9 - . , ‘ (space)
- Pattern Matching Validation
  - **Error 2002** - Pattern Matching Error City is not valid.
- Field Lengths Validation
  - See **Country/State Validation** section.

State

- Required Field
  - **Exception** - When applying for domain registration, registrants are not required to complete the State field when states are not associated with a country in the Wild West Domains Database.
  - **Error** - When registrants leave the State field blank, the following error displays: 2001 Required Field(s) Missing.
- Standard Pattern
  - a-z, A-Z, 0-9 - . , ‘ (space)
- Pattern Matching Validation
  - **Error 2002** - Pattern Matching Error State or Province is not valid.
- Field Lengths Validation
  - **Standard** - 30 characters

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Email

- Required Field
  - **Error** - When registrants leave the State field blank, the following error displays: 2001 Required Field(s) Missing.
- Standard Pattern
  - **Email 1** - a-z A-Z 0-9 - . ‘
  - **Email 2** - a-z A-Z
- Pattern Matching Validation
  - **Error 2002** - Email address is not in a valid format.
- Field Lengths Validation
  - **Standard** - 80 characters

Phone

- Required Field
  - **Error** - When registrants leave the Phone field blank, the following error displays: 2001 Required Field(s) Missing.
- Standard Pattern
  - 0-9 . + ( ) -
- Pattern Matching Validation
  - **Error 2002** - Pattern Matching Error Phone is not valid.
- Field Lengths Validation
  - **Standard** - 17 characters.

Fax

- Standard Pattern
  - 0-9 . + ( ) -
- Pattern Matching Validation
  - **Error 2002** - Pattern Matching Error Fax is not valid.
  - **Exception** - Not validated if not provided.
- Field Lengths Validation
  - **Standard** - 17 characters.
  - **Error 2003** - Field Too Long.

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Country-Specific ZIP Codes

Standard patterns define a list of valid ZIP Code characters and lengths for country ZIP Codes. Regular expressions are included in the following area.

United States

Zip Code sequence: number, number, number, number, number or number, number, number, number, number, hyphen, number, number, number, number.

^(\\d\d\d\\d\\d) | (\\d\\d\\d\\d\\d-\\d\\d\\d\\d)$

United Kingdom

ZIP Code sequence: number, letter, number, number, hyphen, number, letter, letter.

^[a-zA-Z][a-zA-Z]?((\\d)|(\\d[a-zA-Z])|(\\d\\d)|([a-zA-Z])) *(\\d[a-zA-Z][a-zA-Z])$

Germany

ZIP Code sequence: number, number, number, number, number.

^\\d\\d\\d\\d\\d$

Canada

ZIP Code sequence: letter, number, letter, space (optional), number, letter, number.

^[a-zA-Z](\\d)[a-zA-Z] ?(\\d)[a-zA-Z](\\d)$

Australia

ZIP Code sequence: number, number, number, number.

^\\d\\d\\d\\d$

Brazil

ZIP Code sequence: number, number, number, number, number, hyphen, number, number, number.

^\\d\\d\\d\\d\\d-\\d\\d\\d$

Netherlands

ZIP Code sequence: number, number, number, number, space (optional), letter, letter.

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Country/State Validation

Validation is required for countries with states in this list. Validation is on country name or country code.

Australia

Capital Territory	New South Wales	Northern Territory	Queensland
South Australia	Tasmania	Victoria	Western Australia

Belgium

Antwerpen	Brabant Wallon	Brussels	Hainaut
Luxembourg	Liege	Limburg	Namur
Oost-Vlaanderen	Vlaams Brabant	West-Vlaanderen	

Brazil

Acre	Alagoas	Amapa	Amazonas
Bahia	Ceara	Distrito Federal	Espirito Santo
Goias	Maranhao	Mato Grosso	Mato Grosso do Sul
Minas Gerais	Para	Paraiba	Parana
Pernambuco	Piaui	Rondonia	Roraima
Santa Catarina	Sao Paulo	Sergipe	Tocantins
Rio Grande do Norte	Rio Grande do Sul		

Canada

Alberta	British Columbia	Manitoba	New Brunswick
Newfoundland	Northwest Territories	Nova Scotia	Nunavut
Ontario	Prince Edward Island	Quebec	Saskatchewan
Yukon Territory			

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India

Andaman and Nicobar Islands	Andhra Pradesh	Arunachal Pradesh	Assam
Bihar	Chandigarh	Chhattisgarh	Dadra and Nagar Haveli
Daman and Diu	Delhi	Goa	Gujarat
Haryana	Himachal Pradesh	Jammu and Kashmir	Jharkhand
Karnataka	Kerala	Lakshadweep	Madhya Pradesh
Maharashtra	Manipur	Meghalaya	Mizoram
Nagaland	Orissa	Puducherry	Punjab
Rajasthan	Sikkim	Tamil Nadu	Tripura
Uttar Pradesh	Uttarakhand	West Benga	

Japan

Aichi	Akita	Aomori	Chiba
Ehime	Fukui	Fukuoka	Fukushima
Gifu	Gumma	Hiroshima	Hokkaido
Hyogo	Ibaraki	Ishikawa	Iwate
Kagawa	Kagoshima	Kanagawa	Kouchi
Kumamoto	Kyoto	Mie	Miyagi
Miyazaki	Nagano	Nagasaki	Nara
Niigata	Oita	Okayama	Okinawa
Osaka	Saga	Saitama	Shiga
Shimane	Shizuoka	Tochigi	Tokushima
Tokyo	Tottori	Toyama	Wakayama
Yamagata	Yamaguchi	Yamanashi	

Mexico

Aguascalientes	Baja California	Baja California Sur	Campeche

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Chiapas	Chihuahua	Coahuila	Colima
Distrito Federal	Durango	Guanajuato	Guerrero
Hidalgo	Jalisco	Mexico	Michoacan
Morelos	Nayarit	Nuevo Leon	Oaxaca
Puebla	Queretaro	Quintana Roo	San Luis Potosi
Sinaloa	Sonora	Tabasco	Tamaulipas
Tlaxcala	Veracruz	Yucatan	Zacatecas

United States

Alabama	Alaska	American Samoa	Arizona
Arkansas	Armed Forces America	Armed Forces Other Areas	Armed Forces Pacific
California	Colorado	Connecticut	Delaware
District of Columbia	Federated States of Micronesia	Florida	Georgia
Guam	Hawaii	Idaho	Illinois
Indiana	Iowa	Kansas	Kentucky
Louisiana	Maine	Marshall Islands	Maryland
Massachusetts	Michigan	Minnesota	Mississippi
Missouri	Montana	Nebraska	Nevada
New Hampshire	New Jersey	New Mexico	New York
North Carolina	North Dakota	Northern Mariana Islands	Ohio
Oklahoma	Oregon	Palau	Pennsylvania
Puerto Rico	Rhode Island	South Carolina	South Dakota
Tennessee	Texas	Virgin Islands	Utah
Vermont	Virginia	Washington	West Virginia
Wisconsin	Wyoming		

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7. Response Results

Every request sent to the WWD server results in a response result being returned.

RESPONSE MESSAGES

The following is an example of a response message.

```
<response user="827550" clTRID="DevWWDweb.24898">
   <result code="1001">
      <msg>Failed processing item 1</msg>
   </result>
   <resdata>
      <domainRegistration sld="ACME-123 tld="COM"
period="2">
         <registrant fname="James" lname="West" sa1="123
Main Street" />
         <error code="2004" desc="Domain Already
Registered" />
         <ns name="PARK5.SECURESERVER.NET" />
         <ns name="PARK6.SECURESERVER.NET" />
      </domainRegistration>
   </resdata>
</response>
```

Notice the result code in the example above was “1001”, which translates to “failure”.

<result code=“1001”>

If the result is a general failure, there is an error message in the result element that describes where the error occurred. For example:

<msg>Failed processing item 1</msg>

If there is an error, there will be a descriptive error message with the error code 2004. For example:

<error code=“2004” desc=“Domain Already Registered” />

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• **response clTRID** - this ID matches the clTRID in the wapi node of the request associated with the response.

• **msg** - An optional text message may be returned in addition to the result code that gives a userreadable description of what was wrong with the request.

• **resdata** - Request specific data. This might be in the form of an xml block containing <error> elements for a failure, or an xml block with requested information for a success.

RESULT CODES

• 1000 - Success

• 1001 - Failure

• 1002 - Request too big

• 1003 - No messages waiting

• 1004 - Messages are waiting

• 1009 - DNS Error, DNS not with us

• 1500 - Login denied; account already at connection limit

• 1501 - Login denied; IP address not valid for account

• 1502 - Login denied; account inactive

• 2000 - Empty

• 2001 - Required field(s) missing

• 2002 - Pattern matching error

• 2003 - Field too long

• 2004 - DB matching error

MONITOREDDOMAINS REQUEST RESPONSE

The following is an example monitoredDomains management request.

```
<wapi clTRID="reseller.12345">
   <manage>
      <monitoredDomains user="834616"/>
   </manage>
</wapi>
```

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The following is a response to the monitoredDomains request.

```
<response clTRID="reseller.12345">
   <result code="1000"/>
   <resdata>
      <monitoredDomains>
         <monitoredDomain id="60244"
domainname="wildwestdomains.com" registrar="WILD WEST
DOMAINS, INC." expirationdate="22-jul-2012"
status="REGISTRAR-LOCK|" lastcheckdate="8/11/2004 9:46:43
AM"
domainnameservers="CNS1.SECURESERVER.NET|CNS2.SECURESERVER.
NET|" checkdate="8/11/2004 9:46:43 AM" displaystatus="5" />
      </monitoredDomains>
   </resdata>
</response>
```

monitoredDomains Response Message Attributes

id - The domain monitor id of the monitored domain.

domainname - The complete domain name being monitored

registrar - The registrar the domain is currently registered under

expirationdate - The date that the domain expires on

status - The current status of the domain

lastcheckdate - The time and date the last monitor check on the domain was made

domainnameservers - The domain's nameservers

checkdate - The last time a check was requested

displaystatus - This indicates the backordering and monitoring status of the domain. The possible values and their descriptions are as follows:

- 1 - The domain is backordered and the customer has privacy credits
- 2 - A backorder was attempted on the domain but was unsuccessful
- 3 - The domain backorder was successfully registered
- 4 - The domain is not backordered and they do have backordering credits
- 5 - The domain is not backordered and they do not have backordering credits
- 6 - The domain is already backordered by someone else
- 7 - The domain is backordered and private
- 8 - The domain is backordered and the customer has no privacy credits

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• 9 - The domain cannot be backordered

DOMAINALERTCREDITS REQUEST RESPONSE

The following is an example of a domainAlertCredits request.

```
<wapi clTRID="reseller.1234">
   <manage>
      <domainAlertCredits user="834699"/>
   </manage>
</wapi>
```

The following is a response to the domainAlertCredits request.

```
<response clTRID="reseller.1234">
   <result code="1000"/>
   <resdata>
      <domainalertcredits numcredits="2"
backordercredits="0" privacycredits="0"/>
   </resdata>
</response>
```

domainAlertCredits Response Message Attributes

• **numcredits** - The total number of Domain Alert credits the user has. Each monitored domain costs 1 credit.

• **backordercredits** - The total number of credits the user has for back orders. Each domain costs 1 credit.

• **privacycredits** - The total number of credits the user has for private back orders. Each domain costs 1 credit.

API NOTIFICATION MESSAGES

API notification messages are returned in response to the <poll> request. Resellers are notified of the presence of waiting notifications by the presence of a <msgQ> node in any response returned by the API. Notification messages are generated for each item in an order individually.

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The following is an example notification message:

```
<response clTRID="">
   <result code="1004">
      <msg>messages waiting</msg>
   </result>
   <msgQ count="4" date=""/>
   <resdata>
      <REPORT>
         <ITEM orderid="" roid="" riid="" resourceid=""
status="" origResourceid="" timestamp=""/>
      </REPORT>
   </resdata>
</response>
```

API Notification Message Attributes

status - This is an indication of the status of the item in the order. The possible values, and their meanings, are:

- 1 - Delivered
- 2 - Processed
- 3 - Cancelled
- 4 - Renewed
- 5 - Auto-renew failed
- 6 - Auto-renew off
- 7 - Auto-renew on
- 8 - Domain captured
- 9 - Registry DCC error
- 19 - Transfer away
- 20 - Resource ID change
- 21 - Transfer in
- 50 - Email storage exceeded
- 96 - Invalid details
- 97 - Insufficient funds
- 98 - Not processed
- 99 - Invalid product
- 999 - Error with Customer Account, contact Reseller Support

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orderid - The original order id returned when the order was placed.

roid - This is the reseller-supplied order id that was supplied when the order was placed. If none was given, then "wwd.orderid" is returned.

riid - This is the reseller-supplied item id that was supplied for the item when the order was placed. If none was given, then "wwd.itemNo" is returned (where itemNo is the 0-based item number).

resourceid - If status is not 1, then this attribute is present and contains the unique resource identifier for the resource created by the particular item in the order.

origResourceid - If status is 20, meaning a domain backorder was converted to a domain registration, then this attribute will hold the resource id of the original domain backorder item and the resourceid attribute will hold the new id of the domain. If the backorder was private, then an additional notification will be generated containing the privacy id. If status is other than 20, then this attribute will not be present.

timestamp - This is the time that the information is being returned (the current time).

ERROR MESSAGES

WWD API error messages can appear in either of two places:

• As the value of the <msg> node that is a child of the <result> node.

• As the “msg” attribute of an <error> node that is a child of the <resdata> node.

The following table lists the main error messages.

Message	Reason	Resolution
unknown poll op	The “op” attribute of a poll message is present, but its value is not “req”.	Change the “op” value in the request.
Error - no response	No response was generated by the code; this should never happen.	Contact Wild West Domains technical support department.
Unknown message type: xxx	Indicates an internal configuration error or a database error.	Contact Wild West Domains technical support department.
request failed	Indicates a problem with the COM+system on the server; a reboot is usually required.	Contact Wild West Domains technical support department.

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Command rejected	Only privileged IP addresses are allowed to send Command messages; all others will receive this error.	Do not send Command requests.
XML validation failed	The received message did not conform to the xml message schema.	Change the format of the message and resubmit it.
login failed	The login parameters did not match an active API reseller account.	Change the wwd-acct and/or wwd-pwd elements in the wwdclisv.xml file to the proper values and restart the service.
login not appropriate	A login message was received after a login was successfully processed on the connection.	Do not send login messages when the connection is already logged in.
failed to allocate response data with xxx	Indicates a problem with the COM+system on the server; a reboot is usually required.	Contact Wild West Domains technical support department.
Invalid outer tag	A child node of the wapi node had no name.	Change the XML so that it has the proper format.
Failure 1	An exception was generated while handling a message.	Contact Wild West Domains technical support.
Failure 2	An exception was generated while handling a message.	Contact Wild West Domains technical support.
invalid login request	The first message on a newly-opened connection was not a login message.	Make sure that the first message sent on a newly opened socket connection is a login message.
account 'xxx' is inactive	An attempt was made to login using an inactive API reseller account.	Contact Wild West Domains technical support.

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login failed; invalid password	An attempt was made to login to an active API reseller account, but the password was incorrect.	Change the <wwd-pwd> element in the wwdclisv.xml file used by the WWD API Client Service to the proper value and restart the service.
address w.x.y.z is not valid for this login	An attempt was made to login to an active API reseller account from an unauthorized IP address.	Log in to the Reseller Extranet site and establish the indicated IP address as valid.
too many connections	The login failed because the reseller account used already has the maximum allowed connections open.	Either limit the number of connections being used by other WWD API Client Services on your network, or contact Wild West Domains technical support to increase your connection limit.
nnn byte request too large - max size xxx bytes	The request's size exceeded the limits set on the API reseller account (default max size is 10240 bytes).	Either break the request into multiple, smaller requests, or contact Wild West Domains technical support to get your maximum message size increased.
no response (xxx)	Indicates an internal fault on the WWD API server	Contact the Wild West Domains technical support department.
Order rejected	Something was wrong with the order; additional details should be present.	Address the issues detailed in the <error> nodes present in the response message and resubmit the request.
Failed processing item nnn	Indicated order item is invalid. Present with “Order rejected” error.	Address the issues detailed in the <error> nodes present in the response message and resubmit the request.
Sub-user authentication failed	Invalid user attribute. Present with “Order rejected” error.	Change the user or dbpuser attribute of the shopper node so that it is valid and re-submit the request.
Shopping cart not available (nnn,xxxx)	There was an error activating the shopping cart to process the order.	Contact Wild West Domains technical support.

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Domain renewal validation misdirected.	This indicates a configuration error.	Contact Wild West Domains technical support.
nnn is not a valid xxx resource id.	The resourceid passed in a renew message was not valid.	Change the resourceid attribute to the correct value and re-submit the request.
Error loading xxx info for id nnn (yyy)	A database error occurred when attempting to load information using a resourceid.	Contact Wild West Domains technical support.
SQL Server Error	Indicates an internal fault on the WWD API server.	Contact Wild West Domains technical support.
No accounts have access to xxx nnn.	Returned when processing an info request with type="access" and no accounts can access the resource.	No corrective actions apply.
Error loading access info for xxx nnn (yyy)	A database error occurred when attempting to load access information for a resourceid.	Contact Wild West Domains technical support.

Fig. 7.1 - WWD API Error Messages

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8. Account Management

After customers purchase items from your website, they'll use tools that are provided by Wild West Domains and located on the Account Management page.

You need to create a link from your website to the Account Management page:

https://mya.securepaynet.net/default.aspx?prog_id=YOUR_PROG_ID

The Account Management home page contains links to products offered by you.

The customer selects a product to manage from the list of available products.

ACCOUNT MANAGER PAGES

The following sections describe the main pages in the Account Manager. Keep in mind that if a product or service is not offered in your store, the corresponding Account Manager page will not appear in the customer's interface.

Customer Information

The Customer Information page allows the customer to review and update their customer profile, including name, address, etc. The customer may also change their Account Management password and/or password hint.

Domain Names

The Domain Management page displays a list of the customer's registered domain names. All domain purchases are automatically renewed by Wild West Domains at the end of their registration period, unless the reseller instructs otherwise. The customer selects from the list of available domain names to display the Domain Details for that domain name.

Customers use the Domain Details page to modify their contact information, change nameservers, renew domain registrations, cancel domain registrations, change domain ownership, add additional services to their purchase, etc.

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Domain Forwarding

Domain forwarding allows the customer to point their domain to a URL on the Web. Domain masking hides the destination address when used in conjunction with domain forwarding. This page enables the management of forwarded and masked domain names. Customers can set up new forwarding accounts, edit existing forwarded accounts, or remove forwarding from an account. In addition, customers can add masking to a forwarded account.

Website Pages

This page enables customers to set up and manage their For Sale Parked Pages. A For Sale Parked Page lists the domain name, a “For Sale” sign, and a contact email address and allows customers to alert potential buyers that the domain name is available for sale.

Web Hosting

This page enables customers to manage their Web hosting accounts. From this page, customers can change their password, manage FrontPage extensions, enable CGIs, manage MySQL databases, or Access DSNs. In addition, customers can cancel any current hosting account.

Email Accounts

This page enables customers to purchase, set up, and manage their email accounts. Additionally, customers may add virus protection to any Deluxe (or higher) email account, and email forwarding to any level of account.

Domain Alert Monitoring

This page enables customers to monitor and backorder domain names. If the domain name that a customer wants to purchase already belongs to someone else, they can place it on backorder and monitor the domain name for any changes. As soon as the domain name becomes available, we will attempt to purchase it for the customer. Customers may change the domain names they are monitoring or have on backorder at any time by clicking on Change Settings.

Expiring Names List

More than 95,000 newly expiring names are available and ready to review. Customers can browse scores of new, soon-to-expire names online, updated daily.

All names on this list have already expired or been canceled. They’ve also emerged from the legally required grace period. So, the date shown is the actual date the name will be available for purchase.

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Although lengthy, (95,000+ names!), the Investor's Edge subscription makes the list easy to manage. Customers can search by TLD (COM, NET, or both); or wild card/keyword. The list can also be filtered, based on the length of the domain name and whether or not it contains dashes and/or numbers.

Customers select the names they want to capture directly from the list, and once a name has been selected, no one else may select it. There is currently no daily limit to the number of names that may be submitted.

Search Engine Visibility List

Search Engine Visibility offers five essential features to give the customer's site the best chances at search engine listing: site analysis, site optimization, automated submission, submission status, and traffic essentials. From this page, customers can submit new URLs to search engines and edit and review their URL submissions.

CUSTOMIZING THE ACCOUNT MANAGEMENT PAGE

You can customize the look of their Storefront and the Account Management page by importing a custom banner image, banner text, and/or footer image using the Storefront Info sections in the Reseller Extranet (see Chapter 7, "Using the Reseller Extranet").

Fig. 8.1 - Example Storefront Info sections in Extranet

The products that you select on the Product Offerings page in the Reseller Extranet (see Chapter 7, "Using the Reseller Extranet") are listed on the Account Management page. If any of the products are left unselected, then those links will not appear on the Account Management page.

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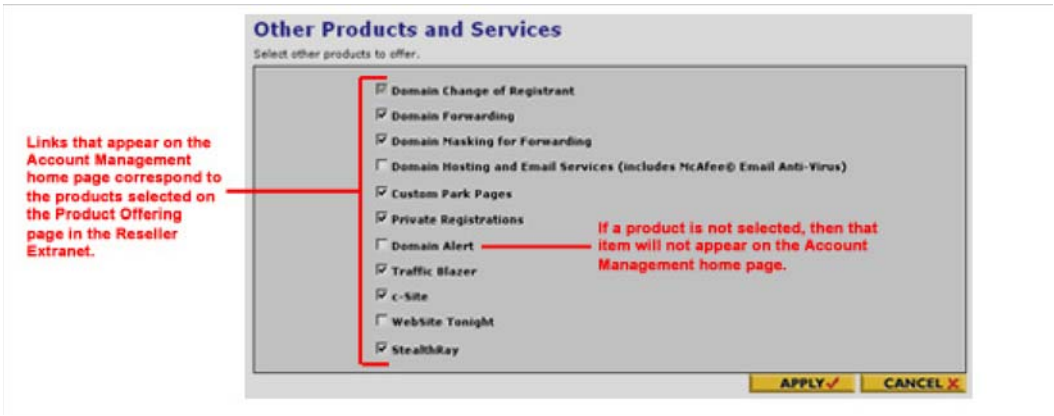

Fig. 8.2 - Example Account Management Page Links

When users are in this Account Management site, Wild West Domains provides many cross-selling and upgrading opportunities, such as upgrading to a higher version of the reseller's products or adding additional services to the products they have already purchased. The destination of these links are determined by the URLs entered on the “Links to Your Storefront page” in the Reseller Extranet.

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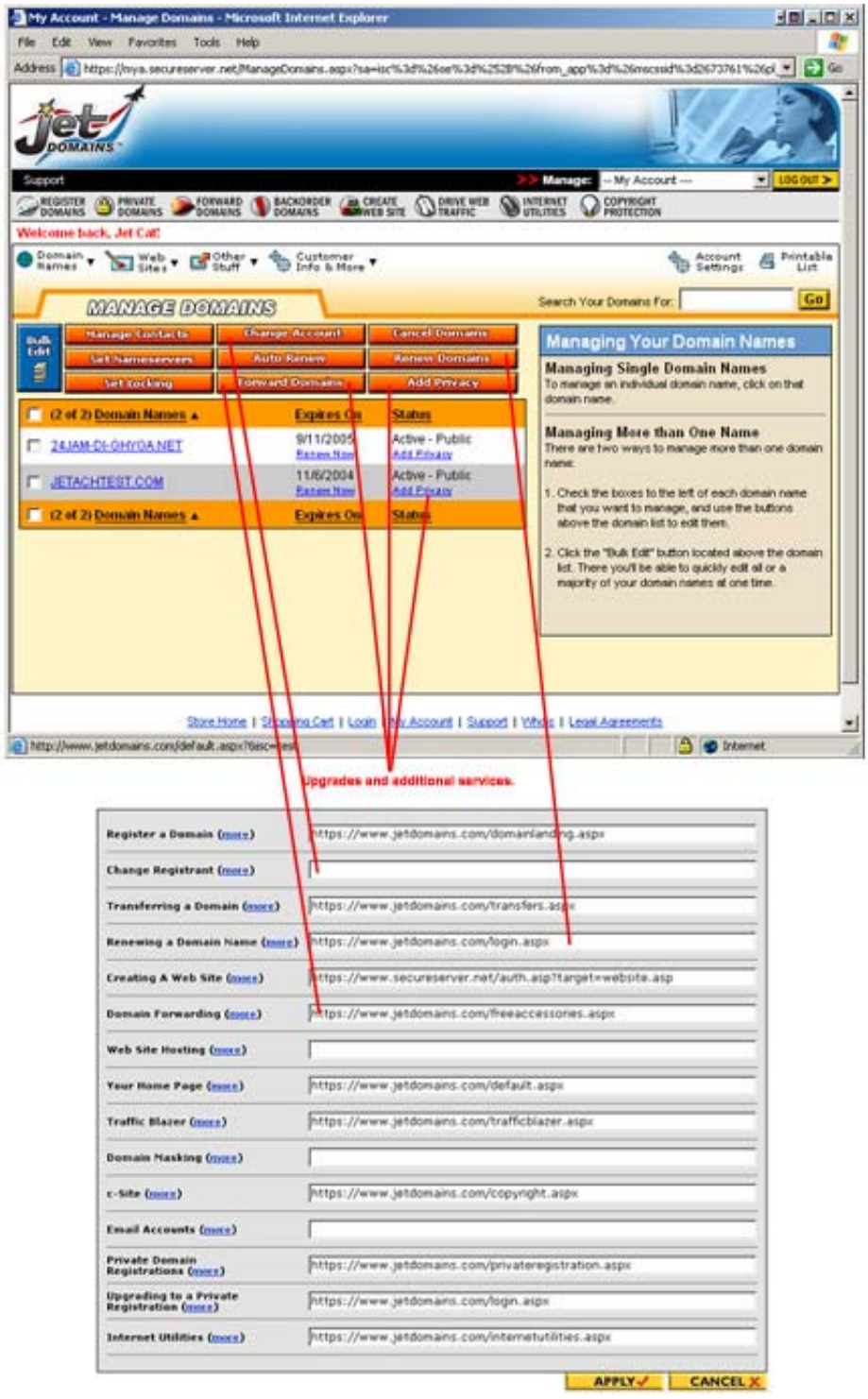

Fig. 8.3 - Example Upgrades in the Account Management Page

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LOGIN AND LOGOUT

All of the pages accessed from the Account Management page are unified and can be accessed without requiring the user to log in to each page. The customer enters their login name or customer number and password to access the Account Management page. Customers can log out of the Account Management page by clicking on Logout. This will log them out of the WWD Account Management page and will redirect their browser to the URL specified on the Links to Your Storefront page in the Extranet.

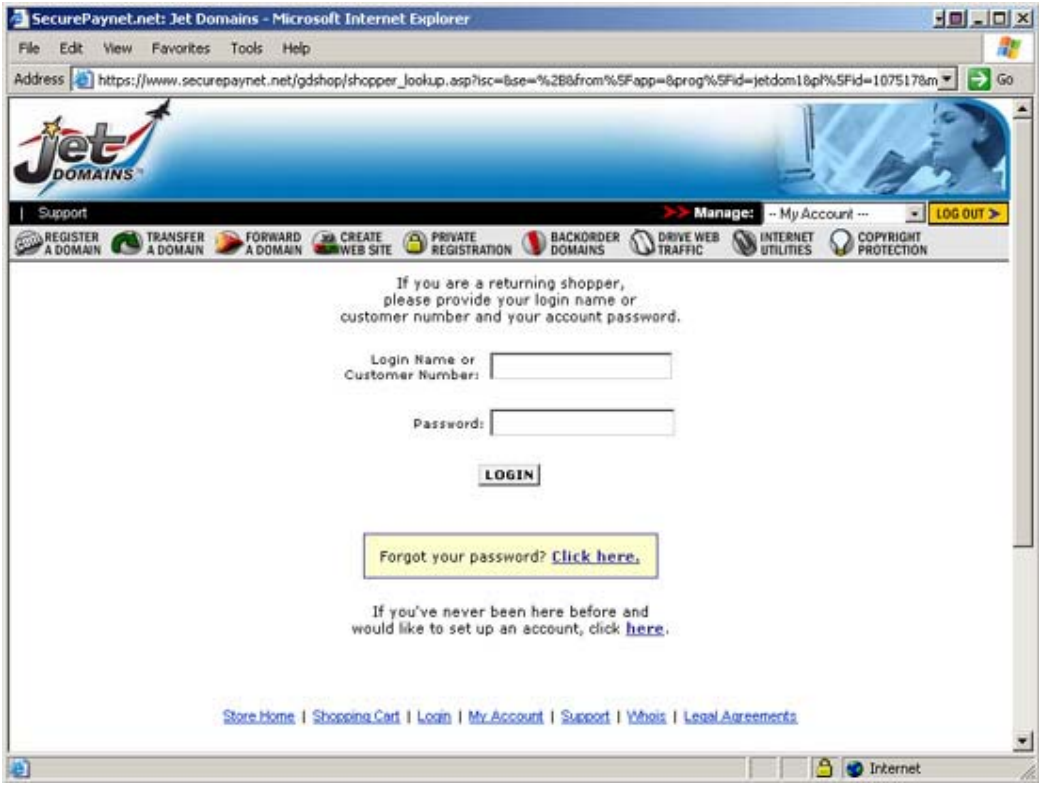

Fig. 8.4 - Manage My Account Login Page

PASSWORD RECOVERY

In the event that the customer cannot remember their password, they can either get a password hint or reset their password. To get a password hint, the customer enters the Login name and the street address given when their account was established, and then the password hint will be displayed. To reset the password, the customer enters their login name and clicks Continue. The customer will then follow the prompts to verify their identity and then enter a new password.

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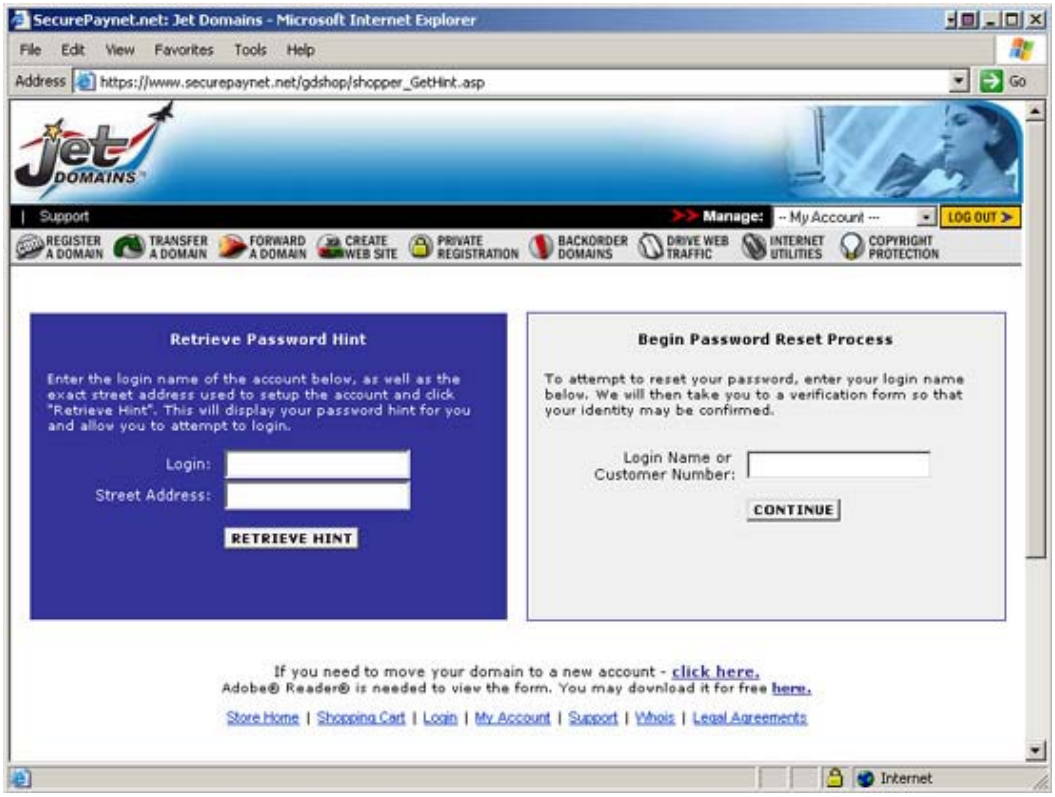

Fig. 8.5 - Manage My Account Password Recovery Page

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9. Using the Reseller Extranet

The Wild West Domains (WWD) Reseller Extranet allows resellers to manage their contact information, review product prices, customize the look and feel of the Account Management page, and manage customer support options, etc.

EXTRANET HOME

From the Extranet Home page, resellers can review reports regarding their reseller account, download the WWD API Instructions, contact Technical Support, and customize their Account Management page.

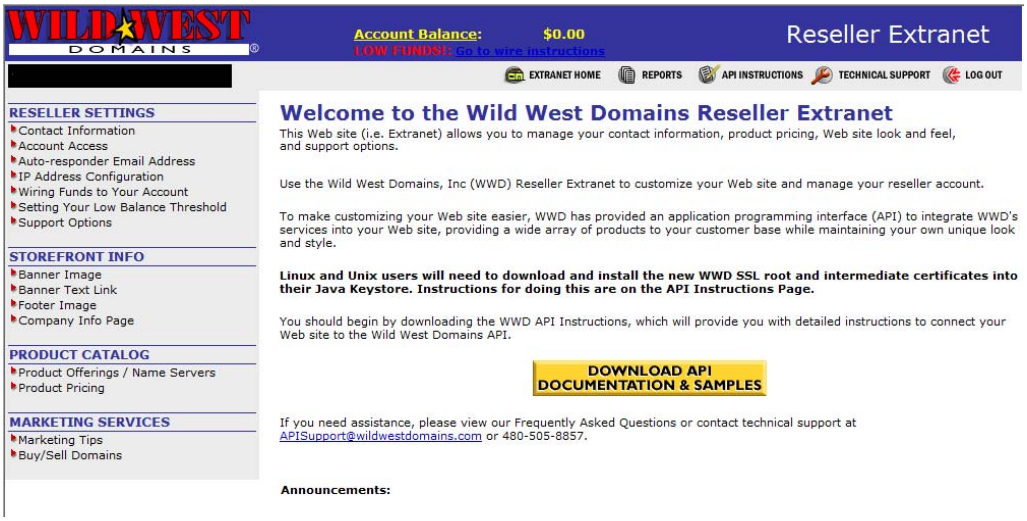

Fig. 9.1 - Example Reseller Extranet Home page

REPORTS

From this page, resellers can view the following reports.

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Unit Sales Reports

The Unit Sales report contains information regarding units sold for a selected time frame. This report will not run for a date range greater than 2 months.

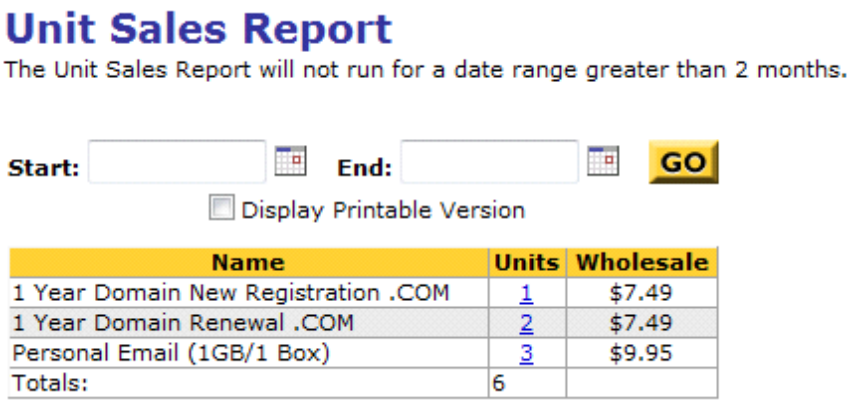

Fig. 9.2 - Example Unit Sales Report

Select the Item under Units to view detailed information regarding the Units sold for that particular product or service.

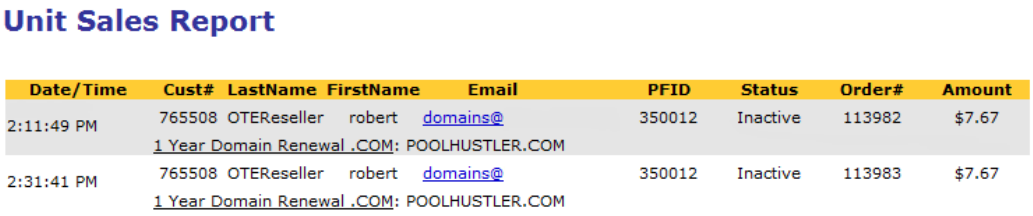

Fig. 9.3 - Example Unit Sales Item Details

Domain Registrations

The Domain Registrations report lists all domains that were registered within the specified time period. This report displays the registration date, expiration date, registration period, and receipt number for each registered domain. Resellers can view the Domain Lookup details for any of the listed domain names by clicking on the domain name.

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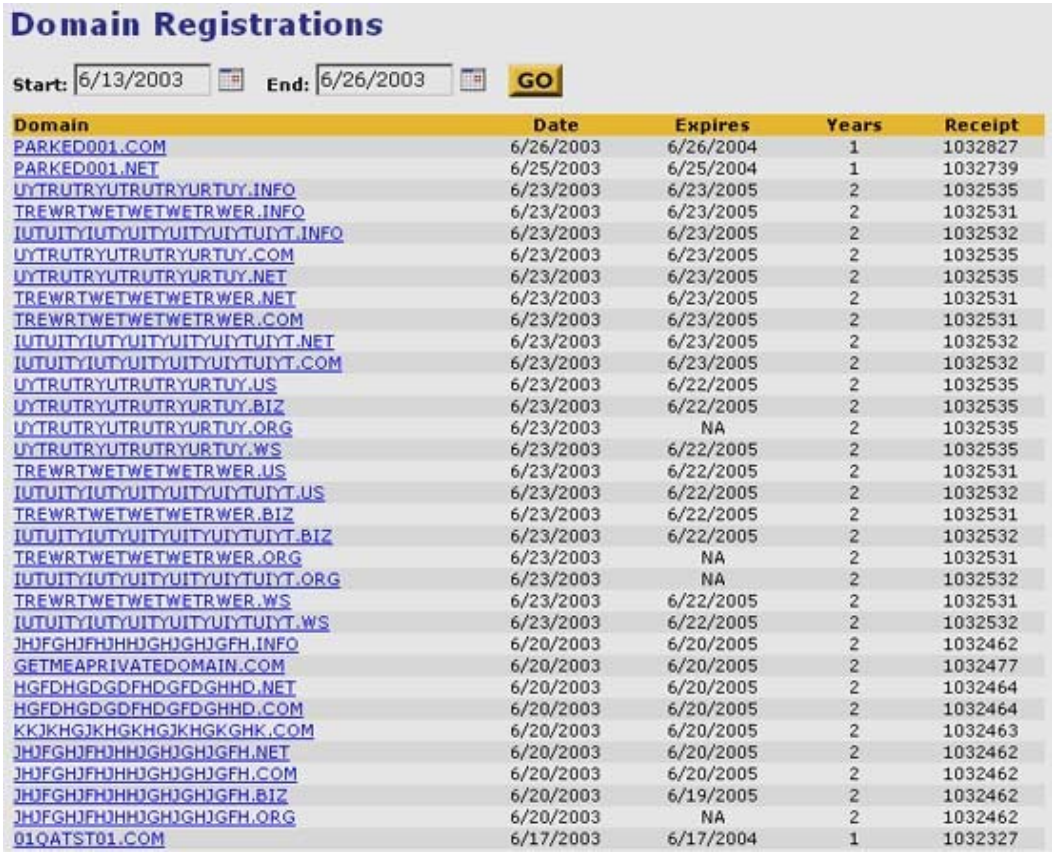

Domain Registrations

Start: 6/13/2003 End: 6/26/2003 GO

Domain	Date	Expires	Years	Receipt
PARKED001.COM	6/26/2003	6/26/2004	1	1032827
PARKED001.NET	6/25/2003	6/25/2004	1	1032739
UYTRUTRYUTRUTRYURTUY.INFO	6/23/2003	6/23/2005	2	1032535
TREWRTWETWETWETRWER.INFO	6/23/2003	6/23/2005	2	1032531
IUTUITYIUTYUITYUITYUIYTUIYT.INFO	6/23/2003	6/23/2005	2	1032532
UYTRUTRYUTRUTRYURTUY.COM	6/23/2003	6/23/2005	2	1032535
UYTRUTRYUTRUTRYURTUY.NET	6/23/2003	6/23/2005	2	1032535
TREWRTWETWETWETRWER.NET	6/23/2003	6/23/2005	2	1032531
TREWRTWETWETWETRWER.COM	6/23/2003	6/23/2005	2	1032531
IUTUITYIUTYUITYUITYUIYTUIYT.NET	6/23/2003	6/23/2005	2	1032532
IUTUITYIUTYUITYUITYUIYTUIYT.COM	6/23/2003	6/23/2005	2	1032532
UYTRUTRYUTRUTRYURTUY.US	6/23/2003	6/22/2005	2	1032535
UYTRUTRYUTRUTRYURTUY.BIZ	6/23/2003	6/22/2005	2	1032535
UYTRUTRYUTRUTRYURTUY.ORG	6/23/2003	NA	2	1032535
UYTRUTRYUTRUTRYURTUY.WS	6/23/2003	6/22/2005	2	1032535
TREWRTWETWETWETRWER.US	6/23/2003	6/22/2005	2	1032531
IUTUITYIUTYUITYUITYUIYTUIYT.US	6/23/2003	6/22/2005	2	1032532
TREWRTWETWETWETRWER.BIZ	6/23/2003	6/22/2005	2	1032531
IUTUITYIUTYUITYUITYUIYTUIYT.BIZ	6/23/2003	6/22/2005	2	1032532
TREWRTWETWETWETRWER.ORG	6/23/2003	NA	2	1032531
IUTUITYIUTYUITYUITYUIYTUIYT.ORG	6/23/2003	NA	2	1032532
TREWRTWETWETWETRWER.WS	6/23/2003	6/22/2005	2	1032531
IUTUITYIUTYUITYUITYUIYTUIYT.WS	6/23/2003	6/22/2005	2	1032532
JHJFGHJFHJHHJGHJGHJGFH.INFO	6/20/2003	6/20/2005	2	1032462
GETMEAPRIVATEDOMAIN.COM	6/20/2003	6/20/2005	2	1032477
HGFDHGDGDFHDGFDGHHD.NET	6/20/2003	6/20/2005	2	1032464
HGFDHGDGDFHDGFDGHHD.COM	6/20/2003	6/20/2005	2	1032464
KKJKHGJKHGKHGJKHGKGHK.COM	6/20/2003	6/20/2005	2	1032463
JHJFGHJFHJHHJGHJGHJGFH.NET	6/20/2003	6/20/2005	2	1032462
JHJFGHJFHJHHJGHJGHJGFH.COM	6/20/2003	6/20/2005	2	1032462
JHJFGHJFHJHHJGHJGHJGFH.BIZ	6/20/2003	6/19/2005	2	1032462
JHJFGHJFHJHHJGHJGHJGFH.ORG	6/20/2003	NA	2	1032462
01QATST01.COM	6/17/2003	6/17/2004	1	1032327

Fig. 9.4 - Example Domain Registrations Report

Domain Lookup

Resellers can query information about a specific domain that is registered through them. This report displays the registration date, expiration date, registration period, and contact information for the specified domain.

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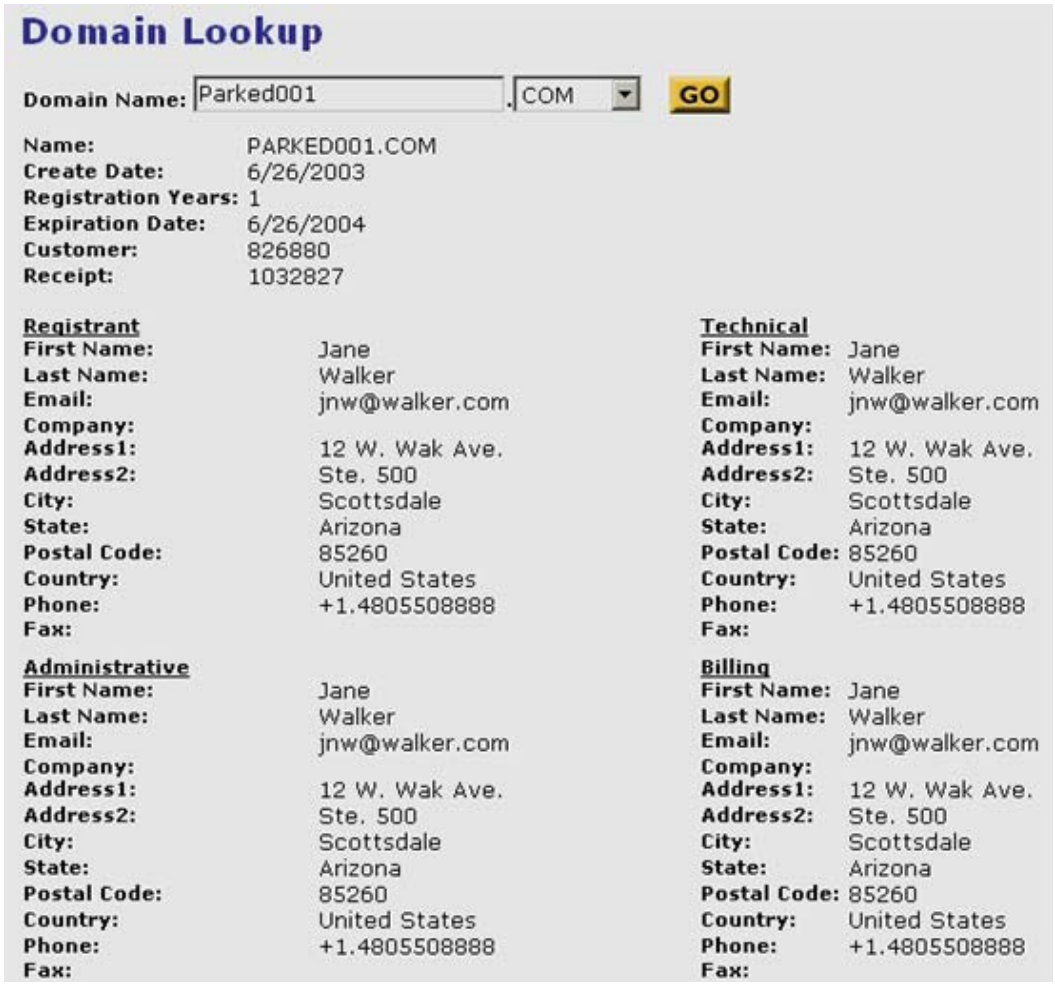

Domain Lookup

Domain Name: Parked001 .COM GO

Name:	PARKED001.COM
Create Date:	6/26/2003
Registration Years:	1
Expiration Date:	6/26/2004
Customer:	826880
Receipt:	1032827

Registrant		**Technical**	
First Name:	Jane	**First Name:**	Jane
Last Name:	Walker	**Last Name:**	Walker
Email:	jnw@walker.com	**Email:**	jnw@walker.com
Company:		**Company:**	
Address1:	12 W. Wak Ave.	**Address1:**	12 W. Wak Ave.
Address2:	Ste. 500	**Address2:**	Ste. 500
City:	Scottsdale	**City:**	Scottsdale
State:	Arizona	**State:**	Arizona
Postal Code:	85260	**Postal Code:**	85260
Country:	United States	**Country:**	United States
Phone:	+1.4805508888	**Phone:**	+1.4805508888
Fax:		**Fax:**	

Administrative		**Billing**	
First Name:	Jane	**First Name:**	Jane
Last Name:	Walker	**Last Name:**	Walker
Email:	jnw@walker.com	**Email:**	jnw@walker.com
Company:		**Company:**	
Address1:	12 W. Wak Ave.	**Address1:**	12 W. Wak Ave.
Address2:	Ste. 500	**Address2:**	Ste. 500
City:	Scottsdale	**City:**	Scottsdale
State:	Arizona	**State:**	Arizona
Postal Code:	85260	**Postal Code:**	85260
Country:	United States	**Country:**	United States
Phone:	+1.4805508888	**Phone:**	+1.4805508888
Fax:		**Fax:**	

Fig. 9.5 - Example Domain Lookup Report

Account Activity Report

The Account Activity report shows transaction information for a given date period. The reseller can use this report to reconcile between what WWD has charged them and what they have documented in their records.

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Account Activity Report

Start: 6/13/2003 End: 6/26/2003 GO

Beginning Balance:	**6/13/2003**		**$40,470.14**
Deposits:			
Withdrawals:			
	6/13/2003	Order Payment - 1032095	$-29.95
	6/16/2003	Order Payment - 1032204	$-6.99
	6/16/2003	Order Payment - 1032214	$-6.99
	6/17/2003	Order Payment - 1032327	$-13.99
	6/20/2003	Order Payment - 1032462	$-69.90
	6/20/2003	Order Payment - 1032463	$-13.98
	6/20/2003	Order Payment - 1032464	$-27.96
	6/20/2003	Order Payment - 1032477	$-20.98
	6/20/2003	Order Payment - 1032484	$-112.45
	6/20/2003	Order Payment - 1032496	$-76.00
	6/23/2003	Order Payment - 1032531	$-109.88
	6/23/2003	Order Payment - 1032532	$-109.88
	6/23/2003	Order Payment - 1032535	$-109.88
	6/25/2003	Order Payment - 1032739	$-6.99
	6/26/2003	Order Payment - 1032827	$-6.99
Ending Balance:	**6/26/2003**		**$39,747.33**
Current Balance:			**$39,747.33**

Fig. 9.6 - Example Account Activity Report

Customer Search

Resellers can query information about a specific customer. The Customer Search report displays the contact information for the specified customer.

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Fig. 9.7 - Example Search For Customers Report

Resellers can view the Customer Order History for any of the listed customers by clicking on the desired Customer number.

Fig. 9.8 - Example Customer Order History

Resellers can then view the receipt details for a particular order by clicking on that order number.

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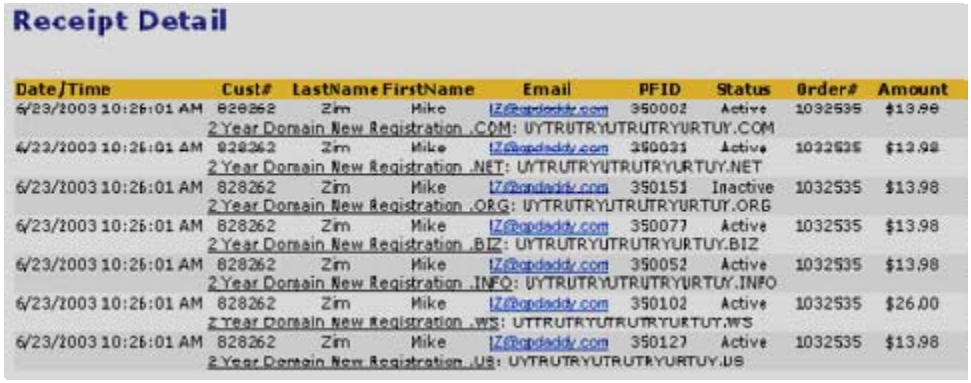


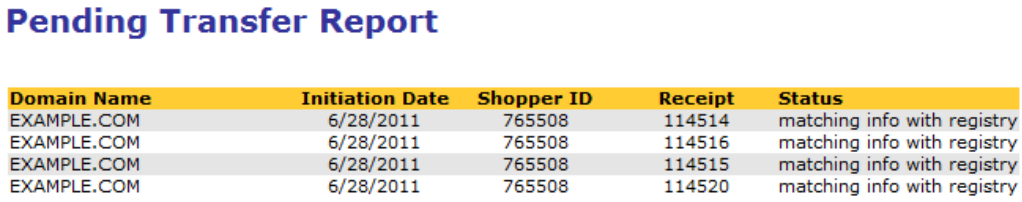
Receipt Detail

Date/Time	Cust#	LastName	FirstName	Email	PFID	Status	Order#	Amount
6/23/2003 10:26:01 AM	828262	Zim	Mike	IZ@godaddy.com	350002	Active	1032535	$13.98
2 Year Domain New Registration .COM: UYTRUTRYUTRUTRYURTUY.COM								
6/23/2003 10:26:01 AM	828262	Zim	Mike	IZ@godaddy.com	350031	Active	1032535	$13.98
2 Year Domain New Registration .NET: UYTRUTRYUTRUTRYURTUY.NET								
6/23/2003 10:26:01 AM	828262	Zim	Mike	IZ@godaddy.com	350151	Inactive	1032535	$13.98
2 Year Domain New Registration .ORG: UYTRUTRYUTRUTRYURTUY.ORG								
6/23/2003 10:26:01 AM	828262	Zim	Mike	IZ@godaddy.com	350077	Active	1032535	$13.98
2 Year Domain New Registration .BIZ: UYTRUTRYUTRUTRYURTUY.BIZ								
6/23/2003 10:26:01 AM	828262	Zim	Mike	IZ@godaddy.com	350052	Active	1032535	$13.98
2 Year Domain New Registration .INFO: UYTRUTRYUTRUTRYURTUY.INFO								
6/23/2003 10:26:01 AM	828262	Zim	Mike	IZ@godaddy.com	350102	Active	1032535	$26.00
2 Year Domain New Registration .WS: UTTRUTRYUTRUTRYURTUT.WS								
6/23/2003 10:26:01 AM	828262	Zim	Mike	IZ@godaddy.com	350127	Active	1032535	$13.98
2 Year Domain New Registration .US: UYTRUTRYUTRUTRYURTUY.US								

Fig. 9.9 - Example Receipt Details

Pending Transfer Report

The Pending Transfer report lists all pending transfers to the reseller's store. This report displays the transfer order date, customer name, receipt number, and status.



Pending Transfer Report

Domain Name	Initiation Date	Shopper ID	Receipt	Status
EXAMPLE.COM	6/28/2011	765508	114514	matching info with registry
EXAMPLE.COM	6/28/2011	765508	114516	matching info with registry
EXAMPLE.COM	6/28/2011	765508	114515	matching info with registry
EXAMPLE.COM	6/28/2011	765508	114520	matching info with registry

Fig. 9.10 - Example Pending Transfer Report

TECHNICAL SUPPORT

From this page, follow the links to access the Frequently Asked Questions page where many questions may be answered before even contacting Technical Support. For more information, you can email us at apisupport@wildwestdomains.com.

Fig. 9.11 - Example Technical Support page

RESELLER SETTINGS

Use the Reseller Settings section on the WWD Reseller Extranet to establish or change information such as contact information, account information, IP addresses, etc. Also use this section to complete tasks such as wiring funds for WWD to credit towards the reseller pre-paid balance.

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Contact Information

The administrative contact is the point of contact for Wild West Domains. Enter the following information for the administrative contact.

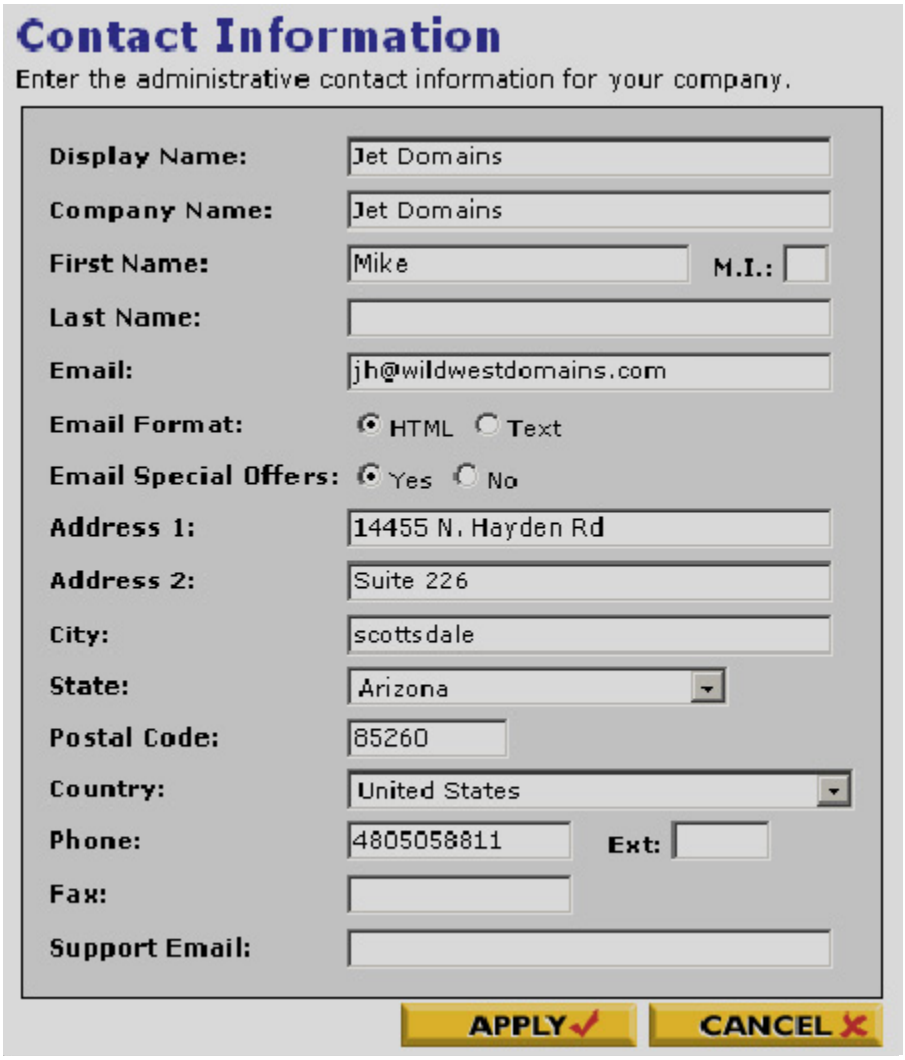

Fig. 9.12 - Example Contact Information Page

Support Email is the email address that the reseller's customers will contact for technical support.

Account Access

The reseller can change their extranet password and the WWD API password. It is best for each reseller to use passwords that they are comfortable with and will be able to remember easily.

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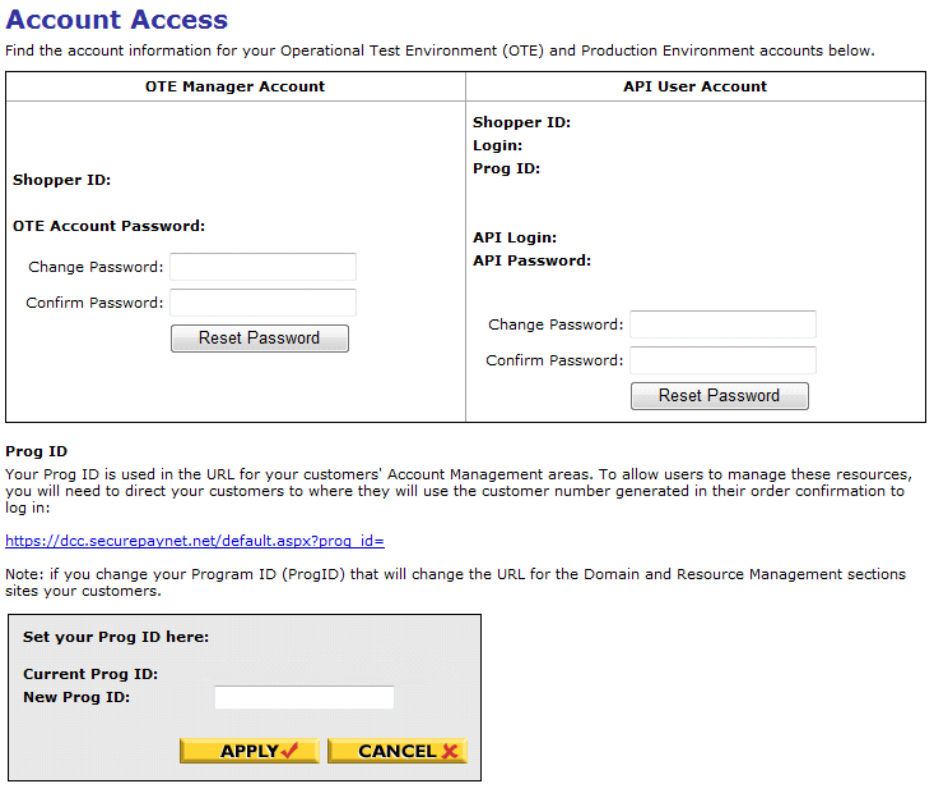

Fig. 9.13 - Example Account Access Page

- **Current Password** - The reseller must enter their current password to make any changes to their extranet account information.
- **Prog ID** - If the progID is changed, then the URL to the Account Management page will change.
- **API Password** - The password the reseller enters to access the WWD API environment.

Autoresponder Email

When a domain transfer is initiated from the reseller's site, an autoresponder email notification is sent to the purchaser. Specify an email address that should populate the “From” field.

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Fig. 9.14 - Example Autoresponder Email page

IP Address Configuration

To access the API testing and live environments, resellers must provide at least one, and no more than ten IP addresses.

Fig. 9.15 - Example IP Address Configuration page

Certification Status

Resellers will not be allowed to submit requests to the live API server until they have successfully completed the certification test. Until the Certification test is completed successfully, the certification status page appears on the test Reseller Extranet and will show a status of “Uncertified.”

After the certification test is successfully completed, an email will be sent to the reseller containing the URL to access the live Reseller Extranet site. Requests can then be submitted to the live WWD API.

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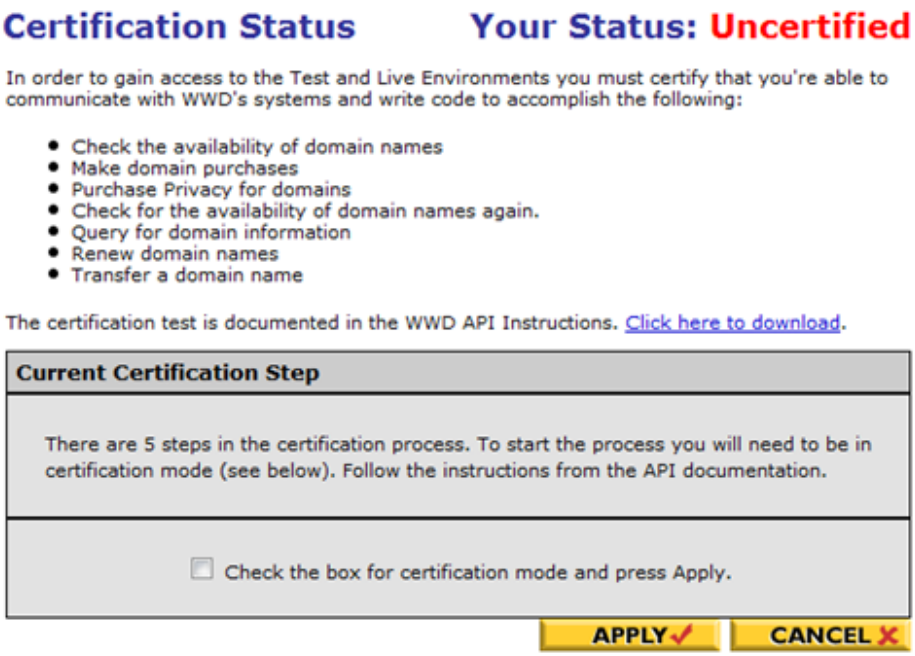

Fig. 9.16 - Example Certification Status page

Wire Transfer Instructions

Resellers use the wire transfer instructions to send instructions to their bank so their bank will initiate a bank wire transfer. Once the wired funds are received by WWD, funds will be deposited into the reseller's prepaid account. Enter the correct date and dollar amount and print the form for the bank. The wire transfer form is populated with Wild West Domains bank account information.

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Fig. 9.17 - Example Wire Transfer Instructions page

Low Balance Settings

The threshold value for a PrePay Balance account defaults to 500, but can be changed to any value. An email is sent to the specified email address in the event that the PrePay Balance for the account drops below the specified value.

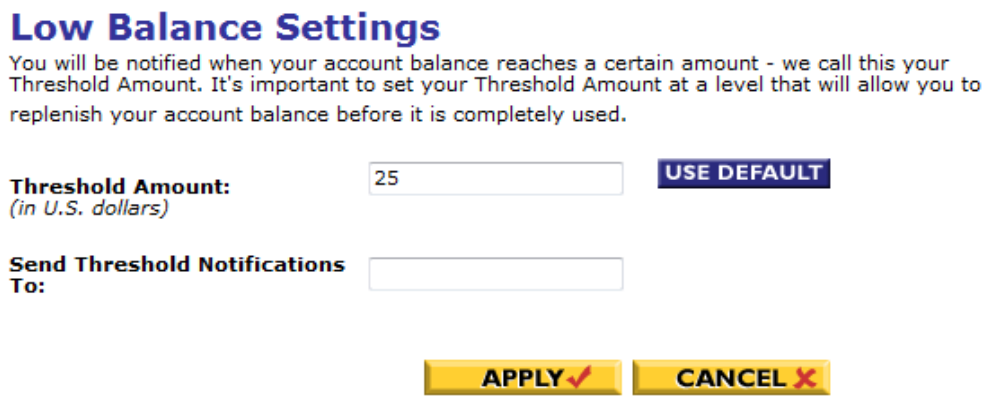

Fig. 9.18 - Example Low Balance Settings page

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The following is an example of a low balance notification email:

Dear Reseller Name

Your GoodAsGold balance has fallen below the low balance Threshold Amount you set inside the Reseller Extranet.

If your GoodAsGold balance falls too low, we **cannot renew**:

*Domain names registered through your API. If the registration expires, a domain name could be taken by someone else.
*Web-Based Email accounts through your API. Customers won't be able to send or receive emails from family, friends, and associates.

==========

Your current GoodAsGold balance is: $500
Your GoodAsGold threshold amount is: $750

==========

To increase your GoodAsGold balance, please wire transfer funds into your account by following these instructions:

1. Log in to https://www.resellerextranet.com using your Wild West Domains or Go Daddy account information.

2. From the Reseller Settings section, click Wiring Funds to Your Account.

3. Follow the instructions on the page.

Thanks for being an API Reseller.

Sincerely,
API Reseller Support

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Fig. 9.19 - Example Low Balance Notice

SUPPORT OPTIONS

As an API Reseller, you provide support for your customers. On this page provide the details for customers to contact your support.

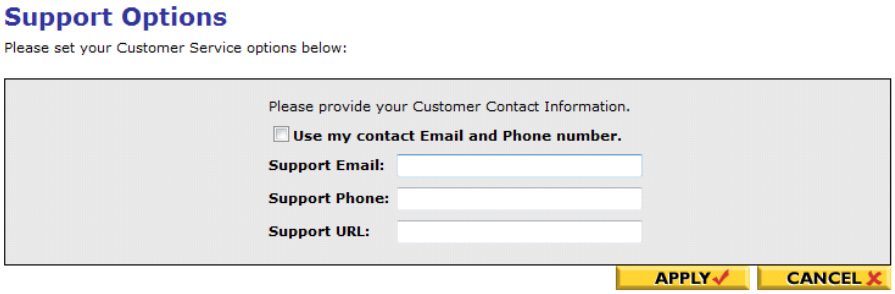

Fig. 9.20 - Example Support Options Page

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STOREFRONT INFORMATION

Resellers can customize the look and style of their Account Management page in order to present a unique and branded appearance to their customers. Use these customization settings to include images, text, links, and even HTML.

Banner Image

The default banner is text-only and displays the name submitted on the “Contact Information” screen. However, resellers can upload their own custom image to use as the banner. Wait for the page to update before pressing “Apply” when uploading images, because it may take time for the image to upload completely.

Fig. 9.21 - Example Banner Image page

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- **Background Color** - Select a color from the color chart for the background of the banner or enter the Hexadecimal number for the color.
- **Display Name** - Select this option to use the display name in the page header.
- **Font Color** - Select a color from the color chart for the font of the display name or enter the Hexadecimal number for the color.
- **Font Name** - Select a font for the display name.
- **Custom Graphic** - Select this option to upload a custom graphic to appear in the banner. The graphic must be a .jpg or .gif and must be 780x80 pixels or smaller.
- **Link** - The custom image or text banner can be linked to any Web site. Enter the URL of the Web site to which the image or text should be linked.

Banner Text Link

This option allows resellers to add one additional link to the default menu at the top of their home page. This is a text link that may link to a URL or an email address. Reseller's can use this option to establish a link to a page such as “About Us” or a contact email address for example. The default links for Frequently Asked Questions and Support are defined on the Links to Your Storefront page and the link for Company Info link is defined on the Company Info Page.

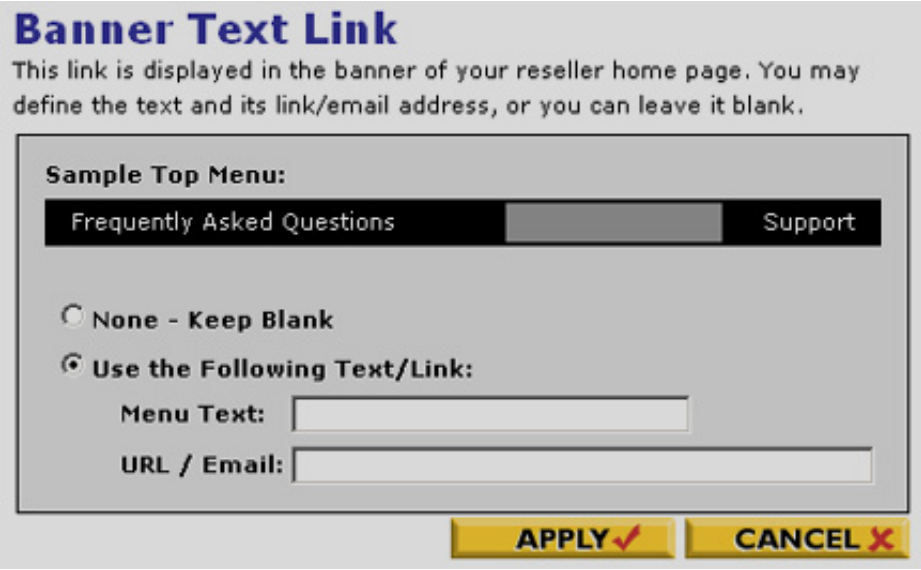

Fig. 9.22 - Example Banner Text Link page

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Footer Image

Resellers may elect to have a logo or other graphic displayed at the bottom of each page of their reseller Web site. Select this option to upload a custom graphic to appear in the footer of the Web site. The graphic must be a .jpg or .gif and must be 780x80 pixels or smaller. Also, this graphic can be linked to any Web destination.

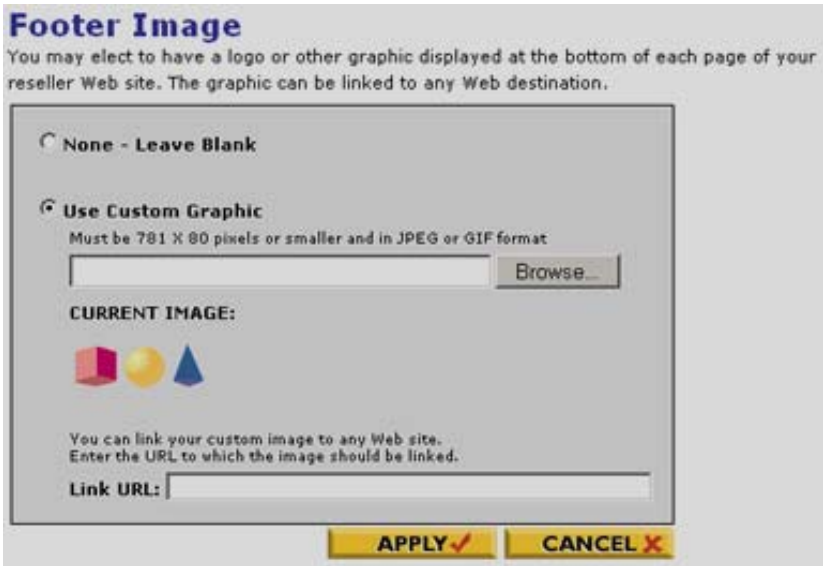

Fig. 9.23 - Example Footer Image page

Company Info Page

This page describes the reseller's business and displays company data such as name and contact information. This is the information that will display when the customer clicks on the Company Info link on the banner in the Account Management site.

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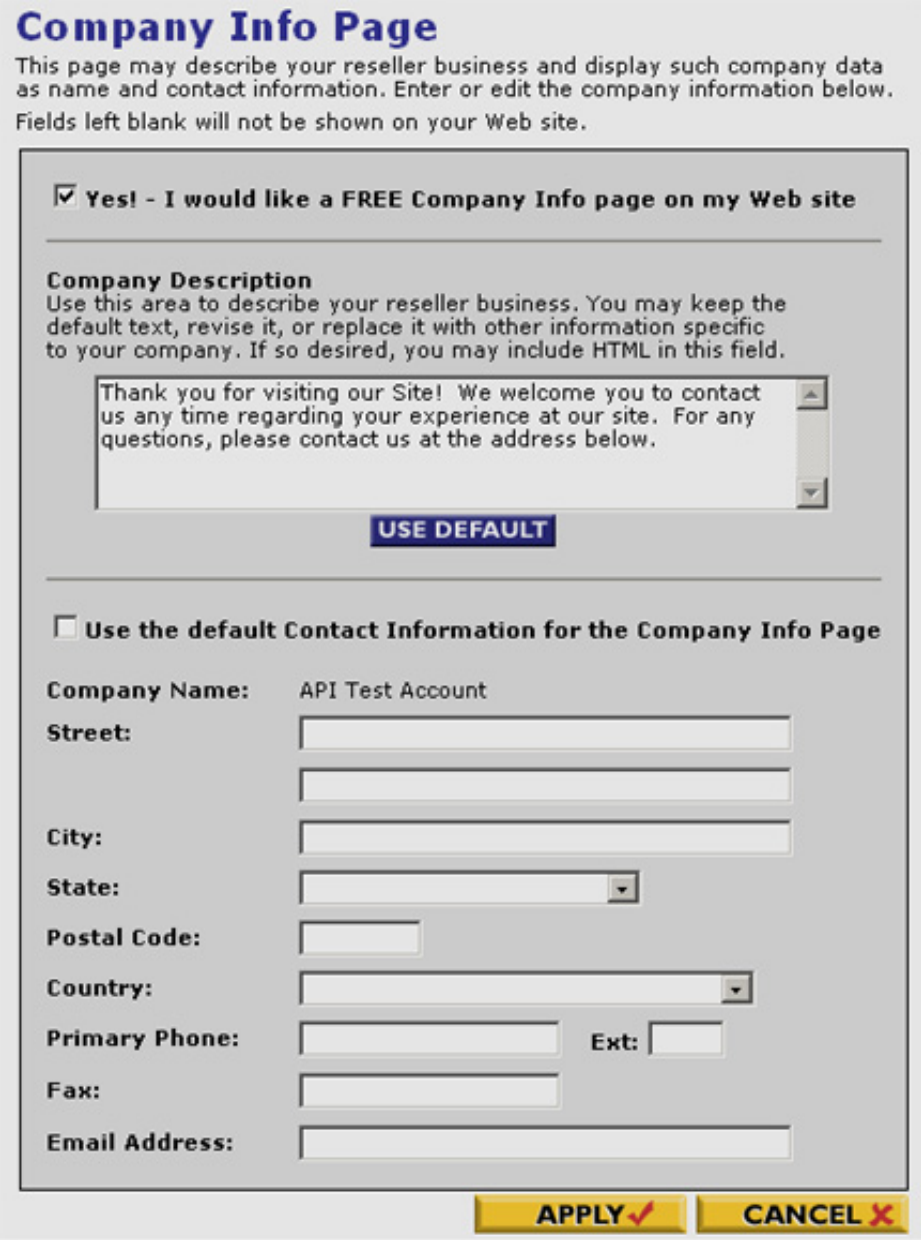

Fig. 9.24 - Example Company Info page

PRODUCT CATALOG

Use the Product catalog section to select what products and services to offer, to set up hosting and parking services, and to review product pricing.

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Product Offerings and Nameservers

Use this page to select what products and services to offer through the Reseller Storefront and provide customers with default name servers.

Domains to Offer

Resellers select which domains they would like to offer and what options they would like to offer with those domains.

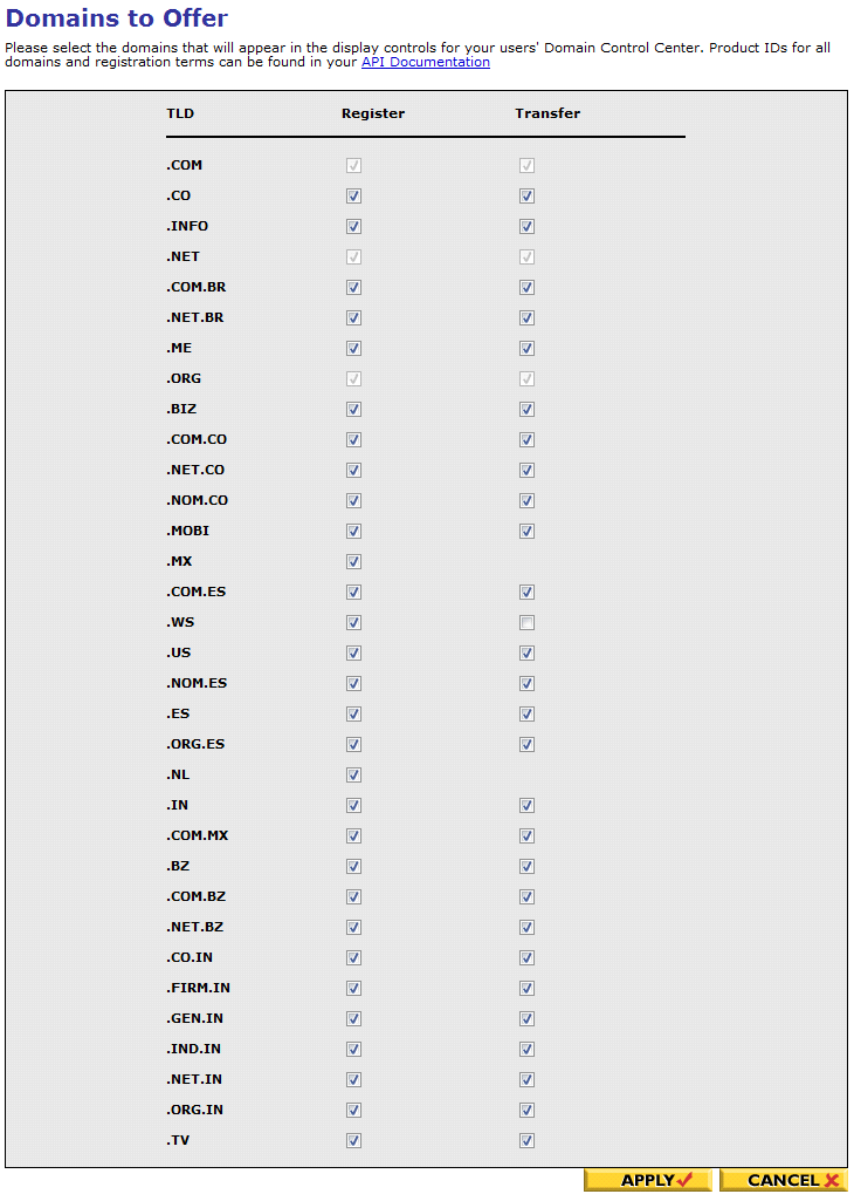

Fig. 9.25 - Example Domains to Offer choices

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Other Products and Services

Resellers select other products and services they would like to offer their customers through their reseller storefront. If any of these products or services are not selected, they will not appear on the Reseller's storefront or as an option on the Account Management page.

Fig. 9.26 - Example Other Product choices

Parking Nameservers

Resellers can choose to offer name parking. They can either choose to let Wild West Domains provide their customers with a default park page for free or they can provide their own custom, branded version. If they choose to provide their own name servers, resellers must provide a minimum of 2 name servers and no more than 12 and they should be in the format of ns.domain.ext.

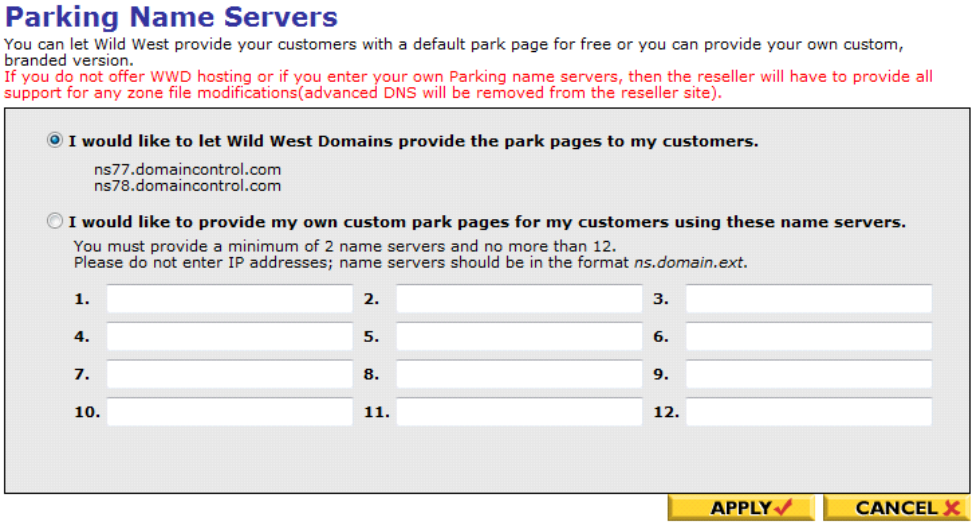

Fig. 9.27 - Example Parking Nameservers choices

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Product Pricing

The reseller “buy rate” for all products can be reviewed from this page for all products offered by Wild West Domains, Inc. The buy rate is the amount charged by WWD to the reseller for a particular product. These are not the prices that the reseller must charge their customers.

Fig. 9.28 - Example Product Pricing page

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A. Product IDs

The following table lists the product IDs for the products and services available through the API reseller program from Wild West Domains. This list only shows the minimum new, renewal, and transfer purchase IDs. If you would like to see alternative registration lengths please log into the Reseller Extranet at **http://www.resellerextranet.com**.

ID	Product
40051	.AG (.COM.AG) Registration - 1 Year (recurring)
50051	.AG (.COM.AG) Renewal - 1 Year (recurring)
40061	.AG (.COM.AG) Transfer - 1 Year (recurring)
40101	.AG (.NET.AG) Registration - 1 Year (recurring)
50101	.AG (.NET.AG) Renewal - 1 Year (recurring)
40111	.AG (.NET.AG) Transfer - 1 Year (recurring)
40151	.AG (.ORG.AG) Registration - 1 Year (recurring)
50151	.AG (.ORG.AG) Renewal - 1 Year (recurring)
40161	.AG (.ORG.AG) Transfer - 1 Year (recurring)
40001	.AG Registration - 1 Year (recurring)
50001	.AG Renewal - 1 Year (recurring)
40011	.AG Transfer - 1 Year (recurring)
258201	.AM Registration - 1 Year
268201	.AM Renewal - 1 Year
250201	.AT Registration - 1 Year
250212	.AT Renewal - 1 Year
250226	.BE Registration - 1 Year

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ID	Product
250237	.BE Renewal - 1 Year
350076	.BIZ Registration - 1 Year
350087	.BIZ Renewal - 1 Year
350086	.BIZ Transfer
57201	.BR (.COM.BR) Registration - 1 Year (recurring)
67201	.BR (.COM.BR) Renewal - 1 Year (recurring)
57211	.BR (.COM.BR) Transfer - 1 Year (recurring)
57101	.BR (.NET.BR) Registration - 1 Year (recurring)
67101	.BR (.NET.BR) Renewal - 1 Year (recurring)
57111	.BR (.NET.BR) Transfer - 1 Year (recurring)
41600	.BZ (.COM.BZ) Registration - 1 Year
51600	.BZ (.COM.BZ) Renewal - 1 Year
41610	.BZ (.COM.BZ) Transfer - 1 Year
41700	.BZ (.NET.BZ) Registration - 1 Year
51700	.BZ (.NET.BZ) Renewal - 1 Year
41710	.BZ (.NET.BZ) Transfer - 1 Year
15201	.BZ Registration - 1 Year
15212	.BZ Renewal - 1 Year
15211	.BZ Transfer - 1 Year
250501	.CC Registration - 1 Year
250512	.CC Renewal - 1 Year
250511	.CC Transfer – 1 Year
56501	.CO (.COM.CO) Registration - 1 Year
66501	.CO (.COM.CO) Renewal - 1 Year
56511	.CO (.COM.CO) Transfer - 1 Year
56711	.CO (.COM.CO) Transfer - 1 Year
56601	.CO (.NET.CO) Registration - 1 Year

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ID	Product
66601	.CO (.NET.CO) Renewal - 1 Year
56611	.CO (.NET.CO) Transfer - 1 Year
56701	.CO (.NOM.CO) Registration - 1 Year
66701	.CO (.NOM.CO) Renewal - 1 Year
56401	.CO Registration - 1 Year
66401	.CO Renewal - 1 Year
56411	.CO Transfer - 1 Year
350001	.COM Registration - 1 Year
350012	.COM Renewal - 1 Year
350011	.COM Transfer
55001	.ES (.COM.ES) Registration - 1 Year
65001	.ES (.COM.ES) Renewal - 1 Year
55011	.ES (.COM.ES) Transfer - 1 Year
57001	.ES (.NOM.ES) Registration - 1 Year
67001	.ES (.NOM.ES) Renewal - 1 Year
57011	.ES (.NOM.ES) Transfer - 1 Year
56001	.ES (.ORG.ES) Registration - 1 Year
66001	.ES (.ORG.ES) Renewal - 1 Year
56011	.ES (.ORG.ES) Transfer - 1 Year
54001	.ES Registration - 1 Year
64001	.ES Renewal - 1 Year
54011	.ES Transfer - 1 Year
258251	.FM Registration - 1 Year
268251	.FM Renewal - 1 Year
258301	.GS Registration - 1 Year
268301	.GS Renewal - 1 Year
41000	.IN (.CO.IN) Registration - 1 Year

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ID	Product
51000	.IN (.CO.IN) Renewal - 1 Year
41010	.IN (.CO.IN) Transfer - 1 Year
41100	.IN (.FIRM.IN) Registration - 1 Year
51100	.IN (.FIRM.IN) Renewal - 1 Year
41110	.IN (.FIRM.IN) Transfer - 1 Year
41200	.IN (.GEN.IN) Registration - 1 Year
51200	.IN (.GEN.IN) Renewal - 1 Year
41210	.IN (.GEN.IN) Transfer - 1 Year
41300	.IN (.IND.IN) Registration - 1 Year
51300	.IN (.IND.IN) Renewal - 1 Year
41310	.IN (.IND.IN) Transfer - 1 Year
41400	.IN (.NET.IN) Registration - 1 Year
51400	.IN (.NET.IN) Renewal - 1 Year
41410	.IN (.NET.IN) Transfer - 1 Year
41500	.IN (.ORG.IN) Registration - 1 Year
51500	.IN (.ORG.IN) Renewal - 1 Year
41510	.IN (.ORG.IN) Transfer - 1 Year
9850	.IN Registration - 1 Year
19850	.IN Renewal - 1 Year
9860	.IN Transfer - 1 Year
350051	.INFO Registration - 1 Year
350062	.INFO Renewal - 1 Year
350061	.INFO Transfer
9140	.ME Registration - 1 Year
19140	.ME Renewal - 1 Year
9150	.ME Transfer - 1 Year
40801	.MOBI Registration - 1 Year

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ID	Product
50801	.MOBI Renewal - 1 Year
40811	.MOBI Transfer - 1 Year
258351	.MS Registration - 1 Year
268351	.MS Renewal - 1 Year
350301	.MX (.COM.MX) Registration - 1 Year
350312	.MX (.COM.MX) Renewal - 1 Year
350311	.MX (.COM.MX) Transfer
41901	.MX Registration - 1 Year
51901	.MX Renewal - 1 Year
350030	.NET Registration - 1 Year
350041	.NET Renewal - 1 Year
350040	.NET Transfer
43001	.NL Registration - 1 Year
53001	.NL Renewal - 1 Year
258402	.NU Registration - 2 Years
268402	.NU Renewal - 2 Years
250326	.NZ (.CO.NZ) Registration - 1 Year
250337	.NZ (.CO.NZ) Renewal - 1 Year
250351	.NZ (.NET.NZ) Registration - 1 Year
250362	.NZ (.NET.NZ) Renewal - 1 Year
250376	.NZ (.ORG.NZ) Registration - 1 Year
250387	.NZ (.ORG.NZ) Renewal - 1 Year
350150	.ORG Registration - 1 Year
350161	.ORG Renewal - 1 Year
350160	.ORG Transfer
258651	.TC Registration - 1 Year
268651	.TC Renewal - 1 Year

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ID	Product
258702	.TK Registration - 2 Years
268702	.TK Renewal - 2 Years
350401	.TV Registration - 1 Year
350412	.TV Renewal - 1 Year
350411	.TV Transfer
251051	.TW (.COM.TW) Registration - 1 Year
251062	.TW (.COM.TW) Renewal - 1 Year
251151	.TW (.IDV.TW) Registration - 1 Year
251162	.TW (.IDV.TW) Renewal - 1 Year
250901	.TW Registration - 1 Year
250912	.TW Renewal - 1 Year
350126	.US Registration - 1 Year
350137	.US Renewal - 1 Year
350136	.US Transfer
258751	.VG Registration - 1 Year
268751	.VG Renewal - 1 Year
350101	.WS Registration - 1 Year
350112	.WS Renewal - 1 Year
350811	.WS Transfer - 1 Year
371701	Domain For Sale Parked Page
371711	Domain For Sale Parked Page - Renewal
350024	Domain Masking
350025	Domain Masking - Renewal
350022	Domain Name Forwarding
350023	Domain Name Forwarding - Renewal
379002	DomainAlert - 1 Pack
389002	DomainAlert - 1 Pack - Renewal

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ID	Product
379003	DomainAlert - Backorder
379004	DomainAlert - PowerList Subscription
389004	DomainAlert - Powerlist Subscription - Renewal
389003	DomainAlert Backordering - Renewal
375001	Enterprise Level DNS
385001	Enterprise Level DNS - Renewal
371702	One Page Web site
371712	One Page Web site - Renewal
379005	Private Backordering
389005	Private Backordering - Renewal
377001	Private Registration Services - API
387001	Private Registration Services Renewal - API

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