



**DOMAIN & RESOURCE HOSTING**

**API SPECIFICATIONS**

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## DOCUMENT CONTROL

Please contact the following person for information relating to this document:

**Name:** Mathew Green  
**Position:** Service Desk Manager  
**Email:** [support@tppwholesale.com.au](mailto:support@tppwholesale.com.au)

### Change History

Date	Version	Changes to Documentation	Author
06/06/2006	1.0	DistributeIT API Documentation created.	DIT
22/06/2011	1.4	Latest DistributeIT API document recovered relating to calls available on legacy platform.	DIT
22/07/2011	2.0	Re-written documentation accounting for changes in calls to connect the legacy DistributeIT API to the new partner console platform. Includes: Authentication updates & error codes supplied. Order call updates & error codes supplied. Query call updates & error codes supplied. Usage instructions updated. Removal of legacy calls no longer supported. Note: a document with highlighted changes between the legacy API version 1.4 and 2.0 is available by request.	MD
22/07/2011	2.1	Minor edits to correct referencing conventions and copy. Added document control and change history.	KL
25/07/2011	2.2	Added section 3.2 Query Domain Renewal Updated notes in section 3.3 Query Transfer to include additional information about renewal periods.	MD
03/08/2011	2.3	Added Host parameters to section 2.2 Create Domain Order, allowing resellers to specify name servers during registration requests.	MD
17/08/2011	2.4	Updated error codes for section 2.6 Update contacts. All NIC handle updates are now made live in registries and are no longer queued with results returned immediately. Document renamed from Legacy DistributeIT API Specifications to TPP Wholesale API Specifications.	MD
19/09/2011	2.5	Added DomainStatus and LockStatus to response field details for section 3.4 DomainQuery.	KL
19/10/2011	2.5.1	LockStatus description update – reversed locked/unlocked numbers that were erroneously recorded.	MD
14/12/2011	2.6	Added section 2.9 Domain Order – Update contact in	MW

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Date	Version	Changes to Documentation	Author
		registry Added AccountOption function to sections 2.2, 2.3 and 2.4. Deprecated LinkDomain function on sections 2.2, 2.3 & 2.4. Updated Appendix C – errors codes (added error 312). Correction to Update host/contact commands (object/action) General grammar/formatting updates throughout document.	MD KL
24/04/2012	2.6	Updates all references to distributeit.com.au to partnerconsole.net	MG
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31/07/2014	2.7.2	Update section 2.6 Update contacts with exclusions	AH
18/06/2015	2.7.3	Added domain RNC and Query List – Sections 2.10 and 3.4	EA

## OVERVIEW

This document is intended for those users who wish to develop applications that make use of the TPP Wholesale API gateway. Using the gateway you will be able to place orders for Domains such as New, Renew, Transfer or Manage. The gateway can also be used to query the status of a Domain order and other information.

Please Note:

- Currently HTTP/S is the only protocol used to access the Gateway.
- All commands and parameters used in this API are case sensitive.
- Changes to the domain registry are not always immediate, so commands submitted via 'Order' process may take a number of minutes to process or in some cases such as transfers can take up to 9 days to complete.
- This specification is subject to change as improvements are made to the API.

## HTTP / HTTPS API Introduction

This is one of the simpler server-based forms of communication to the TPP Wholesale API. It can be used either in the form of a HTTP POST, or as a URL (GET). We recommend POST for larger data transfer due to the size limitations of GET. Communication to our API can be done either via HTTP on port 80 or HTTPS on port 443. All calls to the API must be URL-encoded.

Please Note:

Due to the sensitive nature of Domains and the large amount of information required, it is recommended that HTTPS POST be used for these orders and queries.

If credit card information is being supplied then it is essential that HTTPS is used.

You will need to set up a database that contains at the very minimum the following:

Domain Orders - including current status

Domain Data

We suggest that the API be used in batch mode - submitting Domain Orders in a background process and using that same background process to check the status of each order. Some of the 'Query' calls would be done during a web session such as checking availability or getting Domain details.

## API modes

The TPP Wholesale API has 4 basic modes:

1. Authentication
2. Order
3. Query
4. Resource

## Enable API Account

API access is enabled by default for all resellers with accounts at TPP Wholesale. The API Menu is found under the Account Settings section in the console.

## WHMCS Module

We have a WHMCS module available that allows you to use the API to connect WHMCS to your reseller account to register and administer domain names. Please contact TPP Wholesale if you wish to learn more or access a copy of the module.

## API support

Contact TPP Wholesale if you require assistance or support when using the API.

If you are contacting us, please specify the error code (if any) and the query you are POSTing to the API.

## 1.0 AUTHENTICATION

To connect to the TPP Wholesale API, the system needs to authenticate you as a valid user, and that the request is coming from a valid source. API settings can be found in the Reseller Portal, under API Preferences.

Account and User information is passed to 'auth.pl', which in turn will pass back a session ID. This session ID is then used with subsequent commands without having to authenticate each time. Each session ID will expire after a set period of time. If an error occurs an error response will be returned in place of the session ID (see Appendix C for a list of valid error codes).

We use a number of parameters to achieve this:

AccountNo: This is the Account NO field found in API Login Credentials.

UserId: This is the Login field found in API Login Credentials.

Password: This is the Password field found in API Login Credentials.

You can have multiple sessions open, however the session ID will expire after fifteen minutes of inactivity, you will then have to re-authenticate to receive a new session ID. See 3.7 Query KeepAlive for more information about 'keeping alive' this session ID.

### Command:

<https://theconsole.tppwholesale.com.au/api/auth.pl?AccountNo=xxxx&UserId=xxxx&Password=xxxx>

### Response:

OK: (Session ID)

or

ERR: Error Code (See table below for a list of valid error codes specific to this API call)

This session id MUST be used with all future commands to the API.

### Error codes:

Code	Condition
102	Cannot authenticate user. AccountNO/UserID/Password does not match.
105	IP lockdown. API request is coming from an IP other than the IPs specified in API settings.



## 2.0 ORDER

The operations in the ORDER Web Service are focused around initiating or cancelling orders. There are currently a number of types of orders that can be submitted via the TPP Wholesale API Gateway. Each type of order requires particular information to be supplied. The order command will return a response based on the type, object and action supplied. This document concentrates on the Domain order. If an error occurs, the command will return information about the error.

**Command:**

<https://theconsole.tppwholesale.com.au/api/order.pl?SessionID=xxxx&Type=Domains&Object=xxxx&Action=xxxx>.

**Data Parameters for the order.pl command are:**

Parameter	Description/Value
SessionID	Session ID generated via auth.pl
Type	Domains (this parameter determines which API Gateway to use)
Object	Possible values are: Domain Contact
Action	Possible values are: Create Renewal TransferRequest UpdateContacts UpdateHosts Please Note: Only some actions are associated with some objects
(Data Parameters)	A variable number of parameters depending on the Object and Action See next sections for details

**Common Error Codes:**

Code	Condition
102	Cannot authenticate user session. Invalid session ID or session has timed out.
105	IP lockdown. API request is coming from an IP other than the IPs specified in API settings.
202	Missing "Type" URL parameter or the value of "Type" parameter is not "Domains".
203	Invalid or not supplied Action/Object parameter(s), or the API call has not been implemented.

## 2.1 Introduction to Domain Order

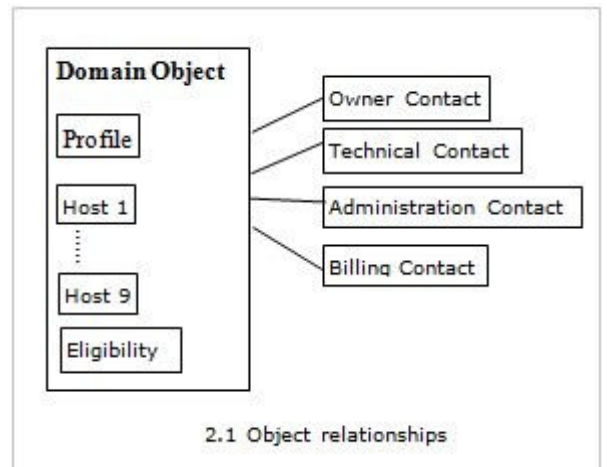
A domain consists of a number of different objects. The objects that make up a domain are:

1. Domain Object
2. Contact Objects

Each object has different properties and a unique ID associated with it. The Contact objects must exist prior to the creation of a domain. A domain will have a unique ID once it has been created.

### The Domain object has the following properties:

1. Domain ie. domainname.com.au
2. Expiry Date
3. Domain Password - ( used for transferring )
4. Profile - ( used for management of domain )
  - User ID
  - Password
5. Owner Contact object ID
6. Administration Contact object ID
7. Technical Contact object ID
8. Billing Contact object ID
9. Hosts ( up to 9 of these allowed )
  - Name Server
  - Eligibility ( if required )
  - Registrant Name
  - Registrant ID
  - Registrant ID Type
  - Eligibility Name
  - Eligibility ID
  - Eligibility ID Type
  - Eligibility Type
  - Eligibility Reason



**The Contact object has the following properties:**

1. Organisation Name
2. First Name
3. Last Name
4. Address line 1
5. Address line 2
6. Address line 3
7. City
8. Region
9. Postal Code
10. Country
11. Phone Number
12. Fax Number
13. E-mail address

## 2.2 Domain Order – Create

The following parameters will need to be supplied to order a New Domain.  
 This command will return an 'OK: ' followed by a unique order ID.  
 The order ID can be used to check the status of an order.

### Data Parameters for the order.pl command when ordering a New Domain

Parameter	Description/Value	
SessionID	Session ID generated via auth.pl	Mandatory
Type	Domains	Mandatory
Object	Domain	Mandatory
Action	Create	Mandatory
Domain	The fully qualified domain name. ie. domainname.com.au	Mandatory
Period	Time in years to register the domain for. If this field is not supplied then the smallest time period will be chosen. The number of years available for a new domain is returned when the availability of the domain is checked. See Section 3.0	Optional
AccountOption	Determines which Console account the domain will be created under. Available options are: CONSOLE, EXTERNAL and DEFAULT. CONSOLE option allows domains to be created under the Console account specified by the AccountID field. EXTERNAL option links Console accounts to accounts created by an external system (eg. WHMCS), and places all domains under the linked Console account. The external account is identified by the AccountID field. DEFAULT option will create a new account for every domain order. This is the default behaviour.	Optional
AccountID	The account reference for a Console account, or account ID for an account created by an external system (eg. WHMCS).	Mandatory if AccountOption is CONSOLE or EXTERNAL
Please Note: All of the below Contacts can use the same Contact Object ID.		
OwnerContactID	A valid Contact Object ID. See Section 2.5	Mandatory
AdministrationContactID	A valid Contact Object ID. See Section 2.5	Mandatory
TechnicalContactID	A valid Contact Object ID. See Section 2.5	Mandatory
BillingContactID	A valid Contact Object ID. See Section 2.5	Mandatory
Host	Please Note: A domain can have up to 9 Hosts. If there is less than 2 hosts attached to a domain. The domain will be inactive.	Optional

Parameter	Description/Value	
	A valid Name Server ie. ns1.partnerconsole.net To add more than one Host supply multiple Host parameters ie. Host=ns1.domain.com&Host=ns2.domain.com	
Please Note: Currently only .au domains require the following information.		
RegistrantName	Name of the legal entity that will be registering the domain. A legal entity is a company, incorporated association, government agency or individual person. Registered business names or trademarks are NOT a legal entity	Mandatory
RegistrantID	The above legal entity unique ID such as ABN, ACN etc	Mandatory
RegistrantIDType	ID Type - See Appendix D for valid codes	Mandatory
EligibilityName	Only used if different from registrant's name. This field should ONLY be used when the registrant is using a Registered Business Name or trademark to make themselves eligible for the domain name.	Optional
EligibilityID	Likewise, this field should ONLY be used when the registrant is using a registered business name or trademark to make themselves eligible for the domain name.	Optional
EligibilityIDType	ID Type - See Appendix E for valid codes.	Optional
EligibilityType	This field is used to describe why the registrant is eligible to register the domain. See Appendix F for valid codes.	Mandatory
EligibilityReason	This field specifies the relationship between the Eligibility Type and the domain name. See Appendix G for valid codes.	Mandatory
Please Note: If CreditCardSupplierCode, CreditCardNumber and CreditCardExpiry are supplied, then the credit card is charged and the amount charged is deposited into the prepaid account.		
CreditCardSupplierCode	Credit Card Supplier Code - see Appendix H	Optional
CreditCardNumber	Credit Card Number (13 - 20 characters)	Optional
CreditCardExpiry	4 digit credit card expiry date (mmyy)	Optional
CreditCardAmount	Credit Card Amount Note: 1) If this field is supplied, then the amount deposited into the prepaid account is the amount specified by this field. 2) Otherwise, the amount is the assumed to be the amount of the order.	Optional

**Command:**

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<https://www.partnerconsole.net/api/order.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=Create...>

**Response:**

OK: (Order ID)

or

ERR: (Error Code),(Error Description) (see Appendix C for a list of valid error codes).

**Error Codes**

Code	Condition
601	Missing mandatory fields
302	Domain name is either invalid or not supplied.
309	Registration for the supplied TLD is not supported.
401	Cannot check for domain availability. Registry connection failed.
304	Domain is already registered, or there is an incomplete domain registration order for this domain already.
501	Invalid credit card type. See Appendix H for a list of valid credit card types.
502	Invalid credit card number or credit card number doesn't match credit card type.
503	Invalid credit card expiry date.
303	Domain pricings are not setted up for this TLD. If the TLD is disabled in the Reseller Portal, you cannot register the domain.
311	Domain does not exist in your reseller account.
313	The account specified by AccountID does not exist in your reseller profile.
602	Invalid hosts have been supplied.
603	Invalid eligibility fields supplied.

## 2.3 Domain Order – Renewal

The following parameters will need to be supplied to order.pl to renew a Domain.  
 This command will return an 'OK: ' followed by a unique order ID.  
 This order ID can be used to check the status of an order.

### Data Parameters for the order.pl command when ordering a Domain renewal

Parameter	Description/Value	
SessionID	Session ID generated via auth.pl	Mandatory
Type	Domains	Mandatory
Object	Domain	Mandatory
Action	Renewal	Mandatory
Domain	The fully qualified domain name. ie. domainname.com.au	Mandatory
Period	Time in years to renew the domain for. If this field is not supplied then the smallest time period will be chosen. The number of years available for a new domain is returned when the availability of the domain is checked. See Section 3.0	Optional
Please Note: If CreditCardSupplierCode, CreditCardNumber and CreditCardExpiry are supplied, then the credit card is charged and the amount charged is deposited into the prepaid account.		
CreditCardSupplierCode	Credit Card Supplier Code - see Appendix H	Optional
CreditCardNumber	Credit Card Number (13 - 20 characters)	Optional
CreditCardExpiry	4 digit credit card expiry date (mmyy)	Optional
CreditCardAmount	Credit Card Amount Note: 1) If this field is supplied, then the amount deposited into the prepaid account is the amount specified by this field. 2) Otherwise, the amount is the assumed to be the amount of the order.	Optional

#### Command:

[https://theconsole.tppwholesale.com.au/api/order.pl?  
 SessionID=xxxx&Type=Domains&Object=Domain&Action=  
 Renew...](https://theconsole.tppwholesale.com.au/api/order.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=Renew...)

#### Response:

OK: (Order ID)

or

ERR: (Error Code), (Error Description) (see Appendix C for a list of valid error codes).

## Error Codes

Code	Condition
601	Missing mandatory fields
302	Domain name is either invalid or not supplied.
311	Domain does not exist in your reseller account.
501	Invalid credit card type. See Appendix H for a list of valid credit card types.
502	Invalid credit card number, or credit card number doesn't match credit card type.
503	Invalid credit card expiry date.
303	Domain pricings are not setted up for this TLD. If the TLD is disabled in the Reseller Portal, you cannot register the domain.
305	There's an existing renewal order for this domain, or a new order cannot be created (for .au domains).



## 2.4 Domain Order – Transfer Request

The following parameters will need to be supplied to order.pl to order a Domain Transfer. This command will return an 'OK: ' followed by a unique order ID. This order ID can be used to check the status of an order.

### Data Parameters for the order.pl command when requesting a Domain Transfer

Parameter	Description/Value	
SessionID	Session ID generated via auth.pl	Mandatory
Type	Domains	Mandatory
Object	Domain	Mandatory
Action	TransferRequest	Mandatory
Domain	The fully qualified domain name. ie. domainname.com.au	Mandatory
Period	Time in years to renew the domain for. If there is no Period then the transfer will take place without renewing. Please Note: Some Domains will always require a renewal when transferring.	Optional
DomainPassword	Must be supplied and match the domain	Mandatory
AccountOption	Determines which Console account the domain will be created under. Available options are: CONSOLE, EXTERNAL and DEFAULT. CONSOLE option allows domains to be created under the Console account specified by the AccountID field. EXTERNAL option links Console accounts to accounts created by an external system (eg. WHMCS), and places all domains under the linked Console account. The external account is identified by the AccountID field. DEFAULT option will create a new account for every domain order. This is the default behaviour.	Optional
AccountID	The account reference for a Console account, or account ID for an account created by an external system (eg. WHMCS).	Mandatory if AccountOption is CONSOLE or EXTERNAL
OwnerContactID	A valid Contact Object ID. See Section 2.5	Mandatory
AdministrationContactID	A valid Contact Object ID. See Section 2.5	Mandatory
TechnicalContactID	A valid Contact Object ID. See Section 2.5	Mandatory
BillingContactID	A valid Contact Object ID. See Section 2.5	Mandatory
Please Note: If CreditCardSupplierCode, CreditCardNumber and CreditCardExpiry are supplied, then the credit card is charged and the amount charged is deposited into the prepaid account.		
CreditCardSupplierCode	Credit Card Supplier Code - see Appendix H	Optional

Parameter	Description/Value	
CreditCardNumber	Credit Card Number (13 - 20 characters)	Optional
CreditCardExpiry	4 digit credit card expiry date (mmyy)	Optional
CreditCardAmount	Credit Card Amount Note: 1) If this field is supplied, then the amount deposited into the prepaid account is the amount specified by this field. 2) Otherwise, the amount is the assumed to be the amount of the order.	Optional

**Command:**

https://theconsole.tppwholesale.com.au/api/order.pl?  
SessionID=xxxx&Type=Domains&Object=Domain&Action=  
Transfer...

**Response:**

OK: (Order ID)

Or

ERR: (Error Code),(Error Description)

**Error Codes**

Code	Condition
601	Missing mandatory fields
302	Domain name is either invalid or not supplied.
309	Transfer for the supplied TLD is not supported.
501	Invalid credit card type. See Appendix H for a list of valid credit card types.
502	Invalid credit card number or credit card number doesn't match credit card type.
503	Invalid credit card expiry date.
303	Domain pricing is not set up for this TLD. If the TLD is disabled in the Reseller Portal, you cannot register the domain.
311	Domain does not exist in your reseller account.
313	The account specified by AccountID does not exist in your reseller profile.
306	Domain is not registered; or is the process of being transferred; or is already with TPP Wholesale; or status prevents it from being transferred.
610	Registry connection failed.

## 2.5 Domain Order – Create Contact

The following parameters will need to be supplied to order.pl to create a Contact. This command will return an 'OK: ' followed by a unique object ID. This object ID will be required when placing a new or transfer domain order.

### Data Parameters for the order.pl command when creating a Contact

Parameter	Description/Value	
SessionID	Session ID generated via auth.pl	Mandatory
Type	Domains	Mandatory
Object	Contact	Mandatory
Action	Create	Mandatory
OrganisationName	Organisation Name.	Optional
FirstName	First Name.	Mandatory
LastName	Last Name.	Mandatory
Address1	Address Line 1.	Mandatory
Address2	Address Line 2.	Optional
Address3	Address Line 3.	Optional
City	City.	Mandatory
Region	Region. Such as VIC, NSW etc	Mandatory
PostalCode	Postal Code.	Mandatory
CountryCode	2 character country code. See Appendix A	Mandatory
PhoneCountryCode	The Phone country code. ie. 61 - Australia, 64 - New Zealand etc	Mandatory
PhoneAreaCode	The Phone area code ie. 03 - VIC, 02 - NSW etc	Mandatory
PhoneNumber	The Phone number.	Mandatory
FaxCountryCode	The Fax country code i.e. 61 - Australia, 64 - New Zealand etc	Optional
FaxAreaCode	The Fax area code i.e. 03 - VIC, 02 - NSW etc	Optional
FaxNumber	The Fax number	Optional
Email	E-mail Address	Mandatory

#### Command:

[https://theconsole.tppwholesale.com.au/api/order.pl?  
SessionID=xxxx&Type=Domains&Object=Contact&Action=  
Create...](https://theconsole.tppwholesale.com.au/api/order.pl?SessionID=xxxx&Type=Domains&Object=Contact&Action=Create...)

**Response:**

OK: Contact Object ID

or

ERR: (Error Code),(Error Description)

**Error Codes**

Code	Condition
600	Missing mandatory fields or field values are invalid.

## 2.6 Domain Order – Update Contacts

To change any contact details on a domain, a contact/s will need to be created see section 2.5. The following parameters will need to be supplied to order.pl to update a Domain Contact. This command will return an 'OK:'.

All contact updates will be scheduled by the system.

Once processed, an email will be sent to the current contact on your reseller account notifying you the result of the contact update.

Email sending can be stopped if you have chosen not to receive any emails in the Reseller Portal.

\*Please note that update of contact will not work for .nz domains.

### Data Parameters for the order.pl command when updating a Domain Contact/s

Parameter	Description/Value	
SessionID	Session ID generated via auth.pl	Mandatory
Type	Domains	Mandatory
Object	Domain	Mandatory
Action	UpdateContacts	Mandatory
Domain	The fully qualified domain name (ie. domain.com.au)	Mandatory
OwnerContactID	A valid Contact Object ID. See Section 2.5	Optional
AdministrationContactID	A valid Contact Object ID. See Section 2.5	Optional
TechnicalContactID	A valid Contact Object ID. See Section 2.5	Optional
BillingContactID	A valid Contact Object ID. See Section 2.5	Optional

#### Command:

<https://theconsole.tppwholesale.com.au/api/order.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=UpdateContacts...>

#### Response:

OK:

or

ERR: Error Code

## Error Codes

Code	Condition
100	Missing Domain parameter.
302	Domain name is invalid.
311	Domain does not exist in your reseller account.
401	Failed to retrieve whois details on the domain.
600	Failed to update contact. Multiple lines with this error code could be returned, one for each contact that yields an error. For example:  ERR: 600, AdministrationContactID admin contact does not exist for updating ERR: 600, BillingContactID contact update is not supported

## 2.7 Domain Order – Update Hosts

The following parameters will need to be supplied to order.pl to update a Domain Contact. This command will return an 'OK:'.

### Data Parameters for the order.pl command when updating a Domain Host/s

Parameter	Description/Value	
SessionID	Session ID generated via auth.pl	Mandatory
Type	Domains	Mandatory
Object	Domain	Mandatory
Action	UpdateHosts	Mandatory
Domain	The fully qualified domain name. ie. domainname.com.au	Mandatory
Please Note: A domain can have up to 9 Hosts. If there is less than 2 hosts attached to a domain, the domain will be inactive.		
AddHost	A valid Name Server ie. ns1.dithost.com To add more than one Host supply multiple AddHost parameters ie. AddHost=ns1.domain.com&AddHost=ns2.domain.com	Optional
RemoveHost	A Name Server that is currently assigned to the domain that you require to be removed. To remove more than one Host supply multiple RemoveHost parameters. ie. RemoveHost=ns1.domain.com&RemoveHost=ns2.domain.com Please Note: Supplying 'ALL' as a value to this parameter will remove all current hosts.	Optional

#### Command:

[https://theconsole.tppwholesale.com.au/api/order.pl?  
SessionID=xxxx&Type=Domains&Object=Domain&Action=UpdateHosts...](https://theconsole.tppwholesale.com.au/api/order.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=UpdateHosts...)

#### Response:

OK: (Order ID)

or

ERR: Error Code

## Error Codes

Code	Condition
602	Invalid host names supplied by either AddHost or RemoveHost field.
401	Registry connection failed.
615	Delegation failed. (An error message will be returned)



## 2.8 Domain Order – Update Domain Lock

The following parameters will need to be supplied to order.pl to update the Domain Lock. This command will return an 'OK:'.

### Data parameters for the order.pl command when updating a Domain Host/s

Parameter	Description/Value	
SessionID	Session ID generated via auth.pl	Mandatory
Type	Domains	Mandatory
Object	Domain	Mandatory
Action	UpdateDomainLock	Mandatory
Domain	The fully qualified domain name. ie. domainname.com.au	Mandatory
DomainLock	Valid values are 'Lock' or 'Unlock'	Mandatory

#### Command:

<https://theconsole.tppwholesale.com.au/api/order.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=UpdateDomainLock&DomainLock=xxxx..>

#### Response:

OK:  
or  
ERR: Error Code

#### Error Codes

Code	Condition
100	Missing required parameters
302	Invalid domain name
311	Domain does not exist in your reseller account
612	Domain lock/unlock is not supported
614	Domain lock/unlock failed. A reason is also returned

## 2.9 Domain Order – Update Contact in Registry

The following parameters will need to be supplied to order.pl to update a contact in the registry. This will not update the contact in the TPP Wholesale system.

Only the provided values will be updated in the registry.  
This command will return 'OK';

### Data Parameters for the order.pl command when creating a Contact

Parameter	Description/Value	
SessionID	Session ID generated via auth.pl	Mandatory
Type	Domains	Mandatory
Object	Contact	Mandatory
Action	UpdateRegistryContacts	Mandatory
Domain	Domain of contact that you want to update	Mandatory
ContactType	The contact that you want to modify (admin, billing, tech, registrant)	Mandatory
OrganisationName	Organisation Name.	Optional
FirstName	First Name.	Mandatory
LastName	Last Name.	Mandatory
Address1	Address Line 1.	Mandatory
Address2	Address Line 2.	Optional
Address3	Address Line 3.	Optional
City	City.	Mandatory
Region	Region. Such as VIC, NSW etc	Mandatory
PostalCode	Postal Code.	Optional
CountryCode	2 character country code. See Appendix A	Mandatory
PhoneCountryCode	The Phone country code. ie. 61 - Australia, 64 - New Zealand etc	Mandatory
PhoneAreaCode	The Phone area code ie. 03 - VIC, 02 - NSW etc	Mandatory
PhoneNumber	The Phone number.	Mandatory
FaxCountryCode	The Fax country code i.e. 61 - Australia, 64 - New Zealand etc	Optional
FaxAreaCode	The Fax area code i.e. 03 - VIC, 02 - NSW etc	Optional
FaxNumber	The Fax number	Optional
Email	E-mail Address	Mandatory

**Command:**

https://theconsole.tppwholesale.com.au/api/order.pl?  
SessionID=xxxx&Type=Domains&Object=Contact&Action=  
UpdateRegistryContacts...

**Response:**

OK: Contact Object ID

or

ERR: (Error Code),(Error Description)

**Error Codes**

Code	Condition
600	Missing mandatory fields, or field values are invalid.

## 2.10 Domain Order – Registrant Name Change

The following parameters will need to be supplied to order.pl to update the Registrant Name details. This command will return an 'OK: ' followed by a unique order ID. This order ID can be used to check the status of an order.

### Data Parameters for the order.pl command when ordering a New Domain

Parameter	Description/Value	
SessionID	Session ID generated via auth.pl	Mandatory
Type	Domains	Mandatory
Object	Domain	Mandatory
Action	RegistrantNameChange	Mandatory
Domain	The fully qualified domain name. ie. domainname.com.au	Mandatory
RegistrantName	Name of the legal entity that will be registering the domain. A legal entity is a company, incorporated association, government agency or individual person. Registered business names or trademarks are NOT a legal entity	Mandatory
RegistrantID	The above legal entity unique ID such as ABN, ACN etc	Mandatory
RegistrantIDType	ID Type - See Appendix D for valid codes	Mandatory
EligibilityName	Only used if different from registrant's name. This field should ONLY be used when the registrant is using a Registered Business Name or trademark to make themselves eligible for the domain name.	Optional
EligibilityID	Likewise, this field should ONLY be used when the registrant is using a registered business name or trademark to make themselves eligible for the domain name.	Optional
EligibilityIDType	ID Type - See Appendix E for valid codes.	Optional
EligibilityType	This field is used to describe why the registrant is eligible to register the domain. See Appendix F for valid codes.	Mandatory
EligibilityReason	This field specifies the relationship between the Eligibility Type and the domain name. See Appendix G for valid codes.	Mandatory
Please Note: If CreditCardSupplierCode, CreditCardNumber and CreditCardExpiry are supplied, then the credit card is charged and the amount charged is deposited into the prepaid account.		
CreditCardSupplierCode	Credit Card Supplier Code - see Appendix H	Optional
CreditCardNumber	Credit Card Number (13 - 20 characters)	Optional

Parameter	Description/Value	
CreditCardExpiry	4 digit credit card expiry date (mmyy)	Optional
CreditCardAmount	Credit Card Amount Note: 1) If this field is supplied, then the amount deposited into the prepaid account is the amount specified by this field. 2) Otherwise, the amount is the assumed to be the amount of the order.	Optional

**Command:**

<https://www.partnerconsole.net/api/order.pl?>

SessionID=xxxx&Type=Domains&Object=Domain&Action=RegistrantNameChange...

**Response:**

OK: (Order ID)

or

ERR: (Error Code),(Error Description) (see Appendix C for a list of valid error codes).

**Error Codes**

Code	Condition
601	Missing mandatory fields
302	Domain name is either invalid or not supplied.
502	Invalid credit card number.
503	Invalid credit card expiry date.
311	Domain does not exist in your reseller account.
603	Invalid eligibility fields supplied.
314	Only .au domains can have their registrant name details changed

### 3.0 QUERY

The operations in the QUERY Web Service are focused around finding out the status of individual orders or supply information such as domain availability, domain renewal/transfer status etc, or account balance.

There are currently a number of types of queries that can be submitted via the TPP Wholesale API Gateway. Each type of query requires particular information to be supplied. The query command will return a response based on the type and action supplied.

If an error occurs the command will return information about the error.

**Command:**

<https://theconsole.tppwholesale.com.au/api/query.pl?SessionID=xxxx&Type=Domains...>

**Data Parameters for the query.pl command are**

Parameter	Description/Value
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Possible values are Order Domain
Action	Availability Transfer Details OrderStatus AccountBalance KeepAlive
(Data Parameters)	A variable number of parameters depending on Object and Action supplied. See next sections for details

**Common Error Codes**

Code	Condition
102	Cannot authenticate user session. Invalid session ID or session has timed out.
105	IP lockdown. API request is coming from an IP other than the IPs specified in API settings.
202	Missing "Type" URL parameter, or the value of "Type" parameter is not "Domains".
203	Invalid or not supplied Action/Object parameter(s), or the API call has not been implemented.

### 3.1 Query Domain Availability

This command returns whether a domain/s is/are available to register.

#### Data Parameters for the query.pl command when querying the availability of a Domain/s

Parameter	Description/Value
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Domain
Action	Availability
Domain	Fully Qualified Domain Name to check. Please Note: To check multiple Domains supply multiple 'Domain' parameters ie. Domain=domain.com&Domain=domain.net...

#### Command:

<https://theconsole.tppwholesale.com.au/api/query.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=Availability&Domain=xxxx>

#### Response:

(Domain): OK: Minimum=(years)&Maximum=(years)

or

(Domain): ERR: (Error Code),(Error Description)

#### Please Note:

1. The domains returned are in the same sort order as supplied in the 'Domain' data parameter/s.
2. If Minimum=-1 or Maximum=-1 is returned, it means domain registration prices for the TLD are disabled for the reseller account. They will need to be enabled in the reseller portal before you can register the domain.

#### Error Codes

Code	Condition
100	Missing Domain parameter
309	TLD is not supported
304	Domain is not available
401	Registry connection failed

### 3.2 Query Domain Renewal

This command checks the renewal status of a domain.

#### Data Parameters for the query.pl command when querying the renewal status of a domain

Parameter	Description/Value
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Domain
Action	Renewal
Domain	Fully Qualified Domain Name to check.

#### Command:

<https://theconsole.tppwholesale.com.au/api/query.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=Renewal&Domain=xxxx>

#### Response:

(Domain): OK: Minimum=(years)&Maximum=(years)&ExpiryDate=(YYYY-MM-DD) available for renewal.  
or

(Domain): ERR: (Error Code),(Error Description)

#### Please Note:

If Minimum=-1 or Maximum=-1 is returned, it means domain renewal prices for the TLD are disabled for the reseller account. They will need to be enabled in the reseller portal before you can renew the domain.

#### Error Codes

Code	Condition
100	Missing Domain parameter
311	Domain does not belong to your reseller account
611	Domain cannot be renewed, followed by a reason explaining why it can't be renewed.



### 3.3 Query Domain Transfer

This command checks whether a domain can be transferred from another Registrar/Reseller.

#### Data Parameters for the query.pl command when querying the transfer status of a domain

Parameter	Description/Value
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Domain
Action	Transfer
Domain	Fully Qualified Domain Name to check.
DomainPassword	Domain Password associated with domain. (Optional)

#### Command:

[https://theconsole.tppwholesale.com.au/api/query.pl?](https://theconsole.tppwholesale.com.au/api/query.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=Transfer&Domain=xxxx)  
 SessionID=xxxx&Type=Domains&Object=Domain&Action=Transfer&Domain=xxxx

#### Response:

(Domain): OK: Minimum=(years)&Maximum=(years)&Owner=(Owners Name)&OwnerEmail=(Owners E-mail)&ExpiryDate=(Domain Expiry Date format YYYY-MM-DD)

(Domain): OK: RequirePassword=1

or

(Domain): ERR: (Error Code),(Error Description)

#### Please Note:

1. If OK: Minimum=0 Maximum=0 is returned against a domain name then the transfer will not require a renewal and therefore no fee will be charged.
2. If Minimum=-1 or Maximum=-1 is returned, it means domain renewal prices for the TLD are disabled for the reseller account. They will need to be enabled in the reseller portal before you can transfer the domain.
3. If RequirePassword=1 then the domain password will be required to obtain the renewal period and when submitting a transfer request.

## Error Codes

Code	Condition
100	Missing Domain parameter
611	Domain cannot be transferred, followed by a reason explaining why it can't be transferred.
401	Registry connection failed

### 3.4 Query Domain List

This command returns a list of all domains under your accounting.

#### Data Parameters for the query.pl command when querying the complete details of a Domain

Parameter	Description
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Domain
Action	List
Domain	Search string for domain name (Optional)
Tld	Top level domain (Optional) Include leading dot (e.g. ".com.au")
Account	Account reference to filter list to (Optional)
ExpiresBefore	Filter list to domains which expire before this date (Optional) Format is: yyyy-mm-dd (e.g. 2013-08-25)
ExpiresAfter	Filter list to domains which expire on or after this date (Optional) Format is: yyyy-mm-dd (e.g. 2013-08-25)
ActiveDomainsOnly	Show only domains which are active (Optional) "true" to filter

#### Command:

[https://theconsole.tppwholesale.com.au/api/query.pl?  
SessionID=xxxx&Type=Domains&Object=Domain&Action=List&Domain=xxxx&Tld=xxxx&Account=xxxx&  
ExpiresBefore=xxxx&ExpiresAfter=xxxx&ActiveDomainsOnly=xxxx](https://theconsole.tppwholesale.com.au/api/query.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=List&Domain=xxxx&Tld=xxxx&Account=xxxx&ExpiresBefore=xxxx&ExpiresAfter=xxxx&ActiveDomainsOnly=xxxx)

#### Response:

OK:

(List of comma separated domain information; One domain per line) Domain,Account,ExpiryDate

or

ERR: Error Code

### 3.5 Query Domain Details

This command returns the complete details of a Domain.

#### Data Parameters for the query.pl command when querying the complete details of a Domain

Parameter	Description
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Domain
Action	Details
Domain	Fully Qualified Domain Name.
UserID	This is the Login field found in API Login Credentials. (Optional if Domain exists in your reseller account, Required otherwise)
DomainPassword	Password associated with the Domain. (Optional if Domain exists in your reseller account, Required otherwise)

#### Command:

<https://theconsole.tppwholesale.com.au/api/query.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=Details&Domain=xxxx&UserID=xxxx&DomainPassword=xxxx>

#### Response:

OK:

(List of Field Names = Field Values separated by line feeds)

or

ERR: Error Code

#### Field Names

Field Name	Description
ExpiryDate	Domain expiry date
DomainPassword	Password associated with the domain
Nameserver	Domain nameservers (Multiple Nameserver fields can be returned)
DomainStatus	Domain status code
LockStatus	Lock stats of the domain, can be either 0, 1 or 2. 0: Domain cannot be locked/unlocked 1: Domain is currently unlocked 2: Domain us currently locked
Valid {TYPE} for the following fields are: Owner, Administration, Technical, Billing	

Field Name	Description
{TYPE}-ContactID	{TYPE} contact nic handle
{TYPE}-OrganisationName	{TYPE} contact organisation name
{TYPE}-FirstName	{TYPE} contact first name
{TYPE}-LastName	{TYPE} contact last name
{TYPE}-Address1	{TYPE} contact address line 1
{TYPE}-Address2	{TYPE} contact address line 2
{TYPE}-Address3	{TYPE} contact address line 3
{TYPE}-City	{TYPE} contact city
{TYPE}-Region	{TYPE} contact state
{TYPE}-PostalCode	{TYPE} contact postcode
{TYPE}-Country	{TYPE} contact country
{TYPE}-CountryCode	{TYPE} contact country code (See Appendix A for a list of valid country codes)
{TYPE}-PhoneNumber	{TYPE} contact phone number
{TYPE}-FaxNumber	{TYPE} contact fax number
{TYPE}-Email	{TYPE} contact email address

### Error Codes

Code	Condition
100	Invalid or missing Domain parameter
311	Domain does not exist in your reseller account, and DomainPassword is not supplied
401	Registry connection failed

### 3.6 Query Domain Order Status

This command returns the status of a Domain order.

#### Data Parameters for the query.pl command when querying the status of a Domain

Parameter	Description
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Order
Action	OrderStatus
OrderID	The Order ID which was returned when the order was placed. Please Note: To check multiple Orders supply multiple 'OrderID' parameters ie. OrderID=12453&OrderID=78956...
Domain	Fully Qualified Domain Name. Please Note: To check multiple Domains supply multiple 'Domain' parameters ie. Domain=xxx&Domain=xxx...

#### Command:

<https://theconsole.tppwholesale.com.au/api/query.pl?>

SessionID=xxxx&Type=Domains&Object=Order&Action=OrderStatus&OrderID=xxxx&Domain=xxx

#### Response:

(OrderID): Status,Description (see Appendix B for a list of valid status codes).

(OrderID): ERR: Error Code

(Domain): OK: OrderType,Status,Description (see Appendix B for a list of valid status codes).

(Domain): OK: (no not finished order for this domain)

(Domain): ERR: Error Code

#### Please Note:

- OrderIDs are returned before Domains.
- OrderIDs are in the same sort order as supplied in the OrderID parameter.
- Domains are in the same sort order as supplied in the Domain parameter.

#### Error Codes

Code	Condition
100	Missing OrderID or Domain parameter
301	Invalid OrderID or order does not belong to your reseller account

### 3.7 Query Account Balance

This will return the dollar amount of credit available on the particular account.  
The account balance is returned as a floating point value.

#### Data Parameters for the query.pl command when querying the account balance

Parameter	Description
SessionID	Session ID generated via auth.pl
Type	Domains
Action	AccountBalance

#### Command:

[https://theconsole.tppwholesale.com.au/api/query.pl?  
SessionID=xxxx&Type=Domains&Action=AccountBalance](https://theconsole.tppwholesale.com.au/api/query.pl?SessionID=xxxx&Type=Domains&Action=AccountBalance)

#### Response:

OK: (Account Balance in \$)

or

ERR: Error Code

### 3.8 Query KeepAlive

This command prevents the SessionID from expiring in periods of inactivity. The SessionID is set to expire after 15 minutes of inactivity. You may have multiple concurrent sessions using the same SessionID.

#### Data Parameters for the query.pl command when querying keep alive

Parameter	Description
SessionID	Session ID generated via auth.pl
Type	Domains
Action	KeepAlive

#### Command:

<https://theconsole.tppwholesale.com.au/api/query.pl?SessionID=xxxx&Type=Domains&Action=KeepAlive>

#### Response:

OK:

or

ERR: Error Code



### 3.9 Query Syncpass

This command allows for retrieval of the Domain Level Login. (Exactly the same as clicking the domain name itself from Manage Domains).

#### Data Parameters for the query.pl command when querying sync pass

Parameter	Description
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Domain
Action	SyncPass
Domain	The domain name to retrieve the domain password from
resetIfVirgin	True

#### Command:

[https://theconsole.tppwholesale.com.au/api/query.pl?  
SessionID=xxxx&Type=Domains&Object=Domain&Action=SyncPass&Domain=xxx](https://theconsole.tppwholesale.com.au/api/query.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=SyncPass&Domain=xxx)

#### Response:

(domain): OK: User= &Pass=

or

ERR: Error Code

## 4.0 RESOURCE

The operations in the RESOURCE Web Service are focused around resellers with Resource based hosting accounts.

There are currently a number of types of queries that can be submitted via the TPP Wholesale API Gateway. Each type of query requires particular information to be supplied. The query command will return a response based on the type and action supplied.

If an error occurs the command will return information about the error.

**Command:**

<https://theconsole.tppwholesale.com.au/api/resource.pl?SessionID=xxxx&Type=Domains...>

**Data Parameters for the session.pl command are**

Parameter	Description/Value
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Domain
Action	AddDomain UpgradeDomainProduct SuspendDomainProduct UnSuspendDomainProduct CancelDomainProduct
(Data Parameters)	A variable number of parameters depending on Object and Action supplied. See next sections for details

## 4.1 Resource Add Domain

This command adds a new domain to the reseller's account under the specified account reference.

### Data Parameters for the resource.pl command when querying add domain

Parameter	Description
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Domain
Action	AddDomain
OrganisationName	Organisation Name
FirstName	First Name
LastName	Last Name
Address1	Address Line 1
Address2	Address Line 2
City	City
Region	Region. Such as VIC, NSW etc
PostalCode	Postal Code
CountryCode	Country Code
Email	E-mail Address
PhoneNumber	The Phone Number

#### Command:

<https://theconsole.tppwholesale.com.au/api/resource.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=AddDomain>

#### Response:

OK:

or

ERR: Error Code

## 4.2 Resource Upgrade Domain Product

This command upgrades a domain's product to the specified product id.

### Data Parameters for the resource.pl command when querying upgrade domain product

Parameter	Description
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Domain
Action	UpgradeDomainProduct
Domain	The domain name you wish to upgrade
ProductId	The product id you wish to upgrade this domain to (found in the console where you define your packages)

#### Command:

`https://theconsole.tppwholesale.com.au/api/resource.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=UpgradeDomainProduct&Domain=xxx&ProductId=xxx`

#### Response:

OK:

or

ERR: Error Code

## 4.3 Resource Suspend Domain Product

This command suspends a domain and its associated products.

### Data Parameters for the resource.pl command when querying suspend domain product

Parameter	Description
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Domain
Action	SuspendDomainProduct
Domain	The domain name to suspend

#### Command:

<https://theconsole.tppwholesale.com.au/api/resource.pl?>

SessionID=xxxx&Type=Domains&Object=Domain&Action=SuspendDomainProduct&Domain=xxx

#### Response:

OK:

or

ERR: Error Code

## 4.4 Resource Unsuspend Domain Product

This command suspends a domain and its associated products.

### Data Parameters for the resource.pl command when querying unsuspend domain product

Parameter	Description
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Domain
Action	UnSuspendDomainProduct
Domain	The domain name to unsuspend

#### Command:

<https://theconsole.tppwholesale.com.au/api/resource.pl?>

SessionID=xxxx&Type=Domains&Object=Domain&Action=UnSuspendDomainProduct&Domain=xxx

#### Response:

OK:

or

ERR: Error Code

## 4.5 Resource Cancel Domain Product

This command suspends a domain and its associated products.

### Data Parameters for the resource.pl command when querying cancel domain product

Parameter	Description
SessionID	Session ID generated via auth.pl
Type	Domains
Object	Domain
Action	CancelDomainProduct
Domain	The domain you wish to cancel all services upon
ProductId	The associated product you wish to cancel

#### Command:

[https://theconsole.tppwholesale.com.au/api/resource.pl?](https://theconsole.tppwholesale.com.au/api/resource.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=CancelDomainProduct&Domain=xxx&ProductId=xxx)

[SessionID=xxxx&Type=Domains&Object=Domain&Action=CancelDomainProduct&Domain=xxx&Product  
Id=xxx](https://theconsole.tppwholesale.com.au/api/resource.pl?SessionID=xxxx&Type=Domains&Object=Domain&Action=CancelDomainProduct&Domain=xxx&ProductId=xxx)

#### Response:

OK:

or

ERR: Error Code

## 5.0 USING THE API

This section describes the steps required to perform tasks relating to domains.

### 5.1 Create a domain

1. Authenticate. See section 1.1
2. Query the domains availability - this will return whether the domain is available and the minimum and maximum years that the domain can be registered for, which must be supplied when creating the domain. See section 3.1
3. Create Contact/s. See section 2.5
4. Create Domain. See section 2.2

### 5.2 Renew a domain

1. Authenticate. See section 1.1
2. Query whether the domain can be renewed - this will return whether the domain can be renewed and the minimum and maximum years that the domain can be renewed for, which must be supplied when renewing the domain. See section 3.2
3. Renew Domain. See section 2.3

### 5.3 Request a transfer of a domain

1. Authenticate. See section 1.1
2. Query whether the domain can be transferred - this will return whether the domain can be transferred and the minimum and maximum years that the domain can be renewed for as part of the transfer process, which must be supplied when transferring the domain. See section 3.3
3. Create Contact/s. See section 2.5
4. Transfer Domain. See section 2.4
5. Please Note: Transfers can take up to 9 days to complete depending on the type of domain.

### 5.4 Change contact details on a domain

1. Authenticate. See section 1.1
2. Query the current domain details. See section 3.3
3. Create changed Contact/s details. See section 2.5



4. Update Domain Contact/s. See section 2.6

## **5.5 Change host details on a domain**

1. Authenticate. See section 1.1
2. Query the current domain details. See section 3.3
3. Update Domain Host/s. See section 2.7

## APPENDIX A: COUNTRY CODES

Country Code	Country	PhoneCode
AF	Afghanistan	93
AL	Albania	355
DZ	Algeria	213
AS	American Samoa	1
AD	Andorra	376
AO	Angola	244
AI	Anguilla	1
AQ	Antarctica	672
AG	Antigua	1
AR	Argentina	54
AM	Armenia	374
AW	Aruba	297
AU	Australia	61
AT	Austria	43
AZ	Azerbaijan	994
BS	Bahamas	1
BH	Bahrain	973
BD	Bangladesh	880
BB	Barbados	1
BY	Belarus	375
BE	Belgium	32
BZ	Belize	501
BJ	Benin	229
BM	Bermuda	1
BT	Bhutan	975
BO	Bolivia	591
BA	Bosnia & Herzegovina	387
BW	Botswana	267
BR	Brazil	55
VG	British Virgin Islands	1
BN	Brunei	673
BG	Bulgaria	359

Country Code	Country	PhoneCode
BF	Burkina Faso	226
BI	Burundi	257
KH	Cambodia	855
CM	Cameroon	237
CA	Canada	1
CV	Cape Verde Islands	238
KY	Cayman Islands	1
CF	Central African Republic	236
TD	Chad	235
CL	Chile	56
CN	China (PRC)	86
CX	Christmas Island	61
CC	Cocos-Keeling Islands	61
KM	Comoros	269
CG	Congo	242
CD	Congo Dem. Rep. of	242
CK	Cook Islands	682
CR	Costa Rica	506
HR	Croatia	385
CU	Cuba	53
CY	Cyprus	357
CZ	Czech Republic	420
DK	Denmark	45
DJ	Djibouti	253
DM	Dominica	1
DO	Dominican Republic	1
TP	East Timor	670
EC	Ecuador	593
EG	Egypt	20
SV	El Salvador	503
GQ	Equatorial Guinea	240
ER	Eritrea	291
EE	Estonia	372
ET	Ethiopia	251
FK	Falkland Islands	500

Country Code	Country	PhoneCode
FJ	Fiji Islands	679
FI	Finland	358
FR	France	33
GF	French Guiana	594
PF	French Polynesia	689
GA	Gabon	241
GM	Gambia	220
GE	Georgia	995
DE	Germany	49
GH	Ghana	233
GI	Gibraltar	350
GR	Greece	30
GL	Greenland	299
GD	Grenada	1
GP	Guadeloupe	590
GU	Guam	1
GT	Guatemala	502
GW	Guinea-Bissau	245
GY	Guyana	592
HT	Haiti	509
HN	Honduras	504
HK	Hong Kong	852
HU	Hungary	36
IS	Iceland	354
IN	India	91
ID	Indonesia	62
IR	Iran	98
IQ	Iraq	964
IE	Ireland	353
IL	Israel	972
IT	Italy	39
CI	Ivory Coast	225
JM	Jamaica	1
JP	Japan	81
JO	Jordan	962

Country Code	Country	PhoneCode
KZ	Kazakhstan	7
KE	Kenya	254
KI	Kiribati	686
KP	North Korea	850
KR	South Korea	82
KW	Kuwait	965
KG	Kyrgyz Republic	996
LA	Laos	856
LV	Latvia	371
LB	Lebanon	961
LS	Lesotho	266
LR	Liberia	231
LY	Libya	218
LI	Liechtenstein	423
LT	Lithuania	370
LU	Luxembourg	352
MO	Macau	853
MK	Macedonia	389
MG	Madagascar	261
MW	Malawi	265
MY	Malaysia	60
MV	Maldives	960
MT	Malta	356
MH	Marshall Islands	692
MQ	Martinique	596
MR	Mauritania	222
MU	Mauritius	230
YT	Mayotte Island	269
MX	Mexico	52
FM	Micronesia (Federal States of)	691
MC	Monaco	377
MN	Mongolia	976
MS	Montserrat	1
MA	Morocco	212
MZ	Mozambique	258

Country Code	Country	PhoneCode
MM	Myanmar	95
NA	Namibia	264
NR	Nauru	674
NP	Nepal	977
NL	Netherlands	31
AN	Netherlands Antilles	599
NC	New Caledonia	687
NZ	New Zealand	64
NI	Nicaragua	505
NE	Niger	227
NG	Nigeria	234
NU	Niue	683
NF	Norfolk Island	672
NO	Norway	47
OM	Oman	968
PK	Pakistan	92
PW	Palau	680
PA	Panama	507
PG	Papua New Guinea	675
PY	Paraguay	595
PE	Peru	51
PH	Philippines	63
PL	Poland	48
PT	Portugal	351
PR	Puerto Rico	1
QA	Qatar	974
RO	Romania	40
RU	Russia	7
RW	Rwanda	250
SH	St. Helena	290
KN	St. Kitts/Nevis	1
LC	St. Lucia	1
PM	St. Pierre & Miquelon	508
VC	St. Vincent & Grenadines	1
SM	San Marino	378

Country Code	Country	PhoneCode
ST	São Tomé and Príncipe	239
SA	Saudi Arabia	966
SN	Senegal	221
SC	Seychelles Islands	248
SL	Sierra Leone	232
SG	Singapore	65
SK	Slovak Republic	421
SI	Slovenia	386
SB	Solomon Islands	677
SO	Somalia	252
ZA	South Africa	27
ES	Spain	34
LK	Sri Lanka	94
SD	Sudan	249
SR	Suriname	597
SZ	Swaziland	268
SE	Sweden	46
CH	Switzerland	41
SY	Syria	963
TW	Taiwan	886
TJ	Tajikistan	992
TZ	Tanzania	255
TH	Thailand	66
TG	Togo	228
TK	Tokelau	690
TO	Tonga Islands	676
TT	Trinidad & Tobago	1
TN	Tunisia	216
TR	Turkey	90
TM	Turkmenistan	993
TC	Turks and Caicos Islands	1
TV	Tuvalu	688
UG	Uganda	256
UA	Ukraine	380
AE	United Arab Emirates	971

Country Code	Country	PhoneCode
GB	United Kingdom	44
US	United States of America	1
VI	US Virgin Islands	1
UY	Uruguay	598
UZ	Uzbekistan	998
VU	Vanuatu	678
VA	Vatican City	379
VE	Venezuela	58
VN	Vietnam	84
WF	Wallis and Futuna Islands	681
WS	Western Samoa	685
YE	Yemen	967
YU	Yugoslavia	389
ZM	Zambia	260
ZW	Zimbabwe	263



## APPENDIX B: ORDER STATUS CODES

Status Code	Description
Scheduled	Order has been placed in the queue ready to be processed. When this status is returned a workflow step is also returned indicating the status of the order.
Cancelled	Order has been cancelled.
Complete	Order has been completed.

## APPENDIX C: ERROR CODES

Error Code	Description
100	Missing parameters
102	Authentication Failure
105	Request coming from incorrect IP address. IP Lock error. See section 1.1
201	Invalid or not supplied 'Type' parameter
202	Your Account has not been enabled for this 'Type'
203	Invalid or not supplied 'Action/Object parameter/s
301	Invalid Order ID.
302	Domain not supplied.
303	Domain Pricing table not set up for your account.
304	Domain not available for Registration. When this code is returned a reason is also returned.
305	Domain is not renewable. When this code is returned a reason is also returned.
306	Domain is not transferable. When this code is returned a reason is also returned.
307	Incorrect Domain Password
308	Domain UserID or Password not supplied
309	Invalid Domain Extension
310	Domain does not exist, has been deleted or transferred away
311	Domain does not exist in your reseller profile
312	Supplied UserID and Password do not match the domain.
313	The account does not exist in your reseller profile.
314	Only .au domains can have their registrant name details changed

Error Code	Description
401	Connection to Registry failed - retry.
500	Pre-Paid balance is not enough to cover order cost.
501	Invalid credit card type. See Appendix G.
502	Invalid credit card number.
503	Invalid credit card expiry date.
504	Credit Card amount plus the current pre-paid balance is not sufficient to cover the cost of the order.
505	Error with credit card transaction at bank. Please Note: This error code will always be followed by a comma then a description of the error.
600	Error with one or more fields when creating a Domain Contact. Please Note: This error code will always be followed by a comma then a space separated list of fields that have failed.
601	Error with one or more fields when creating, renewing or transferring a Domain. Please Note: This error code will always be followed by a comma then a space separated list of fields that have failed.
602	Error with one or more fields associated with a Host. Please Note: This error code will always be followed by a comma then a space separated list of fields that have failed.
603	Error with one or more fields associated with eligibility fields. Please Note: This error code will always be followed by a comma then a space separated list of fields that have failed.
604	Error with one or more fields associated with a Nameserver. Please Note: This error code will always be followed by a comma then a space separated list of fields that have failed.
610	Error connecting to registry.
611	Domain cannot be Renewed or Transferred
612	Locking is not available for this domain
613	Domain Status prevents changing of domain lock

## APPENDIX D: REGISTRANT ID TYPES

Code	Description
1	Australian Company Number (ACN).
2	Australian Business Number (ABN).
3	Other - Used to record an Incorporated Association number.

## APPENDIX E: ELIGIBILITY ID TYPES

Code	Description
1	Australian Company Number (ACN)
2	ACT Business Number
3	NSW Business Number
4	NT Business Number
5	QLD Business Number
6	SA Business Number
7	TAS Business Number
8	VIC Business Number
9	WA Business Number
10	Trademark (TM)
11	Other - Used to record an Incorporated Association number.
12	Australian Business Number (ABN).

## APPENDIX F: ELIGIBILITY TYPES

Code	Description
1	Charity
2	Citizen/Resident
3	Club
4	Commercial Statutory Body
5	Company
6	Incorporated Association
7	Unincorporated Association
8	Industry Body
9	Non-profit Organisation
10	Other
11	Partnership
12	Pending TM Owner
13	Political Party
14	Registered Business
15	Religious/Church Group
16	Sole Trader
17	Trade Union
18	Trademark Owner
19	Child Care Centre
20	Government School
21	Higher Education Institution
22	National Body
23	Non-Government School
24	Pre-school
25	Research Organisation
26	Training Organisation

## APPENDIX G: ELIGIBILITY REASON

Code	Description
1	Domain name is an Exact Match Abbreviation or Acronym of your Entity or Trading Name.
2	Close and substantial connection between the domain name and the operations of your Entity.

## APPENDIX H: CREDIT CARD SUPPLIERS

Code	Description
1	American Express
2	Bankcard
3	Diners Club (Currently not supported)
4	Mastercard
5	Visa