

# TPP Internet HTTP-POST System Documentation

Version 3.2

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## Revisions and Updates

November 2011 – Released as version 3.2

- Product codes for SSL certificate types have changed.
- List of servers for SSL certificates has been updated.

November 2010 – Released as version 3.1

- Resource records for zone files are not accepted for DNS orders. The order will still go through if they're sent. The zone file may be set up accessing the hosting control panel once the service has been provisioned.

March 2010 – Released as version 3.0

- Added support for virtual hosting projects to be ordered and renewed via the API

February 2010 – Released as Version 2.95

- New API call 'AccountQuery' that returns a list of domain names that are in an account
- New option for .au domain name transfers to validate the authinfo (domain password) when submitting the transfer (see \$ValidateAUAuthinfo in the transfer section)

March 2009 – Released as Version 2.9

- OrderID is returned when querying a domain transfer that has already been completed.

September 2008 – Released as Version 2.8

- Small enhancement to the DomainInfo command, the new version allows a new variable to be set (FullContacts) which returns a complete set of contacts when querying a domain name.

December 2007 – Released as Version 2.7

- Implementation of new service to order and renew Digital Certificates.

August 2007 – Released as Version 2.6

- Successful transfer requests return a transfer ID.
- Availability check has new feature to return suggested names.
- Check order status function returns domains associated with order and expiry date and password of a domain if requested.
- Added new function to check transfer status.

January 2007 – Released as Version 2.4

- Added Name Suggestion support for gTLD domain names
- Added functionality to OrderInfo new system allows registration and renewal orders to be polled from this service. No longer is it required to manually or automatically read the response codes that are sent via email.
- Added a new service TransferInfo, this allows you to poll the status of a pending request to find its status.

November 2006 – Released as Version 2.2

- Removed .fr suffix from list of suffixes that can be registered.

February 2006 – Released as Version 2.0

- Additional ccTLD (Country Code) domains can now be registered.
- Renewals and delegation requests can now be sent using this API.
- Domain Contacts can be updated using this API.
- Domain info on a particular domain can be accessed.
- Website Builder transactions: new orders, renewals and upgrades added to API

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## Introduction

The HTTP-POST API has been developed to facilitate the automated entry of registration and transfer requests, as well as checking the availability of domain names wholesale clients.

To gain access to the system, TPP Wholesale Clients will be given a client identification (clientid) and password for the system to authenticate who they are and enter orders into their account.

For security reasons IP addresses of the servers from which TPP Wholesale Clients will be sending requests to TPP are required, as the system restricts the access to IP address that have been set up to allow access.

Due to the restriction mentioned above, the requests Clients post to TPP should be done from the server which IP address has been allowed access to TPP's interface, as opposed to sending them from each clients browser.

## Support

For all support requests please contact [partners@tppinternet.com](mailto:partners@tppinternet.com)  
If required, we can assign a technician to work through a testing process with you and verify data that is being sent to and from our HTTP API.

## Getting Connected

We operate 2 versions of this API, one being a production live system and the other a test system. Clients using this API, for anything other than simply availability checking, are encouraged to work through a testing process with our technical team to ensure that your system is working well.

To gain access to the test version, submit your Client name along with the IP address you will be connecting from to [partners@tppinternet.com](mailto:partners@tppinternet.com). Once your testing processes is complete, confirm with us and your IP address will be added to the live production environment.

The system works by posting variables to the above URL using tools such as perl, php, python or any programming language that is capable of posting using HTTP-POST.

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## Example connection

Here we provide an example on how this can be done in PHP. Please note any language that is capable of connecting via a HTTP POST or GET will be able to communicate with this API.

```
<?
// PHP example

function GetCurlPage ($pageSpec)
{
    $ch = curl_init($pageSpec);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
    curl_setopt($ch, CURLOPT_SSL_VERIFYHOST, FALSE);
    curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, FALSE);
    $tmp = curl_exec ($ch);
    curl_close ($ch);
    $tmp = preg_replace('/(?:s)<meta http-equiv="Expires"[\^>]*>/i', '', $tmp);
    return $tmp;
}

$suffixes=urlencode("com.au|com"); // enter list of suffixes to check
$domain = "testarama"; // enter the keyword of the domain ie without a suffix
$fuzzysearch = "0" ; // 0 is off 1 is on
$returnUrl=""; // enter a url to post return values to

$url = "https://ssl.twoplums.com.au/tpautomation/test/availability/check.php?domain=" .
$domain . "&suffixes=" . $suffixes . "&fuzzysearch=" . $fuzzysearch;

$output = GetCurlPage("$url");

print $output;

?>
```

This is a second example, demonstrating usage of the alternative availability check:

```
<?
// PHP example with alternative availability check usage

function GetCurlPage ($pageSpec)
{
    $ch = curl_init($pageSpec);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
    curl_setopt($ch, CURLOPT_SSL_VERIFYHOST, FALSE);
    curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, FALSE);
    $tmp = curl_exec ($ch);
    curl_close ($ch);
    $tmp = preg_replace('/(?:s)<meta http-equiv="Expires"[\^>]*>/i', '', $tmp);
    return $tmp;
}

$domainslist = urlencode("testarama.com|mytestdomain.com.au|newsite.org"); // enter a list
of domains that you wish to search for
$fuzzysearch = "0" ; // 0 is off 1 is on
$returnUrl=""; // enter a url to post return values to

$url = "https://ssl.twoplums.com.au/tpautomation/test/availability/check.php?domain=" .
$domain . "&suffixes=" . $suffixes . "&fuzzysearch=" . $fuzzysearch;

$output = GetCurlPage("$url");

print $output;

?>
```

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## Domain Name Availability Check

The system is used for domain name availability check for gTLDs (.com, .net, .org, .biz, .info), all .au, all co.nz, and .co.uk, .name and the ccTLDs listed in Appendix B.

The system is designed to provide a simple to use API interface for users to check availability on one or more domain names.

This URL is for the live production system:

<https://ssl.twoplums.com.au/tppautomation/production/availability/check.php>

The following URL is provided for testing:

<https://ssl.twoplums.com.au/tppautomation/test/availability/check.php>

This system can be used in conjunction with our HTTP-POST ordering system or by itself to simply show availability of domain names.

The request can be made in one of two ways:

- a single domain (e.g. 'test'), and a list of suffixes (e.g. 'com|com.au|net'). This will check the availability of test.com, test.com.au and test.net., i.e. each combination of domain and suffix
- a list of domains (e.g. 'testing.com|tester.co.uk|mytest.us'). This will check the availability of each individual domain specified in the list, up to a maximum of 30 different domains.

Using a list of suffixes and a single domain is a useful way to determine the availability of a single domain across a variety of suffixes. The advantage of using a list of domains lies in being able to check for variations of a single domain without having to make multiple requests.

After processing of the request, a list of available domain names and non-available domain names will be returned. If requested domain names couldn't be checked due to connection failure to a registry, a list of domain names, which failed to be checked, will also be returned (they are classified as "whoisfailure")

## Fuzzy Searching

"Fuzzysearch" is allowed on this system. If the fuzzysearch is on (see variables below) and none of the requested domain names are available, a search will be performed by adding some key words, before and after the domain, in an attempt to find an available domain name.

The tables on the following pages show the fields required in the system, variables that will be returned, a list of the fuzzywords and a sample interface code.

## Name Suggestion

"NameSuggest" is another feature offered with the availability checker. It works only for .com, .net, .org, .info and .biz domains. If the nameSuggest variable is submitted, the system will perform a search suggesting names that are related to the string submitted in the "domain" variable. A maximum of 10 suggestions will be returned per suffix.

As an example, if you search for cars.com, name suggest will return other domain names that are contextually similar, so will return things like buycars.com, carrental.com etc.. The domains returned have already been validated as available in the appropriate registry.

When fuzzysearch is turned on and name suggest is requested, name suggest will be applied only to the original domain name to search.

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The following fields are required in the system:		
Field	Required/Optional/Conditional	Comments
\$domain	Conditional	<ul style="list-style-type: none"> <li>▪ e.g. testdomain</li> <li>▪ This variable is required unless \$domainslist is set</li> </ul>
\$suffixes	Conditional	<ul style="list-style-type: none"> <li>▪ This variable should be a string with a list of suffixes separated by a ' '</li> <li>▪ E.g. 'com.au net.au com net org co.nz'</li> <li>▪ This variable is required unless \$domainslist is set</li> </ul>
\$domainslist	Conditional	<ul style="list-style-type: none"> <li>▪ This variable should be a string with a list of complete domain names, separated by a ' '</li> <li>▪ E.g. 'testdomain.com testing.com.au mydomain.org'</li> <li>▪ If this variable is set, \$domain and \$suffixes are not required</li> </ul>
\$fuzzysearch	Optional	<ul style="list-style-type: none"> <li>▪ By default fuzzysearch is turned off, the expected value to turn it on is '1'.</li> </ul>
\$nameSuggest	Optional	<p>By default nameSuggest is turned off.</p> <p>The following values are valid:</p> <p>0 – no name suggest search.            1 – execute name suggest ONLY.            2 – execute name suggest as well as availability check.</p> <p>Name suggest will return available suggested names only for the suffixes specified in \$suffixes, as long as they are any of these: .com, .net, .org, .biz or .info.</p>
\$returnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the table below) will be posted to this URL.

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The following variables will be returned:	
Field	Description
\$available	List of all the available domain names, separated by " ". e.g: testdomain.com testdomain.net  This variable is not returned when nameSuggest is 1 (execute name suggest only).
\$notavailable	List of all the unavailable domain names, separated by " ". e.g: testdomain.com.au testdomain.net.au  This variable is not returned when nameSuggest is 1 (execute name suggest only).
\$whoisfailure	List of names that couldn't be checked because of connection failure with the whois server, separated by " ". e.g: testdomain.org testdomain.co.nz  This variable is not returned when nameSuggest is 1 (execute name suggest only).
\$suggestedNames	List of suggested names separated by " ". This variable is returned only when \$nameSuggest is turned on (1 or 2). If no available suggested names are found, it will return an empty string.
The following are the fuzzy words used for fuzzysearch:	
Fuzzywordsbefore	fuzzywordsafter
About	online
The	central
Discount	pro
My	people
e-	home
24hour	Time
<p>If the domain requested is not available with any of the suffixes posted and the fuzzysearch is turned on, a search will be done by adding the words above to your domain and the same suffixes for which the search was initially done. e.g For the following variables: domain = 'testdomain' suffixes = 'com net' fuzzysearch = 1 If testdomain.com and testdomain.net are not available you will get the following results: available = 'abouttestdomain.com thetestdomain.com abouttestdomain.net thetestdomain.net testdomainonline.com ...etc...' notavailable = 'testdomain.com testdomain.net testdomaincentral.com mytestdomain.com ...etc...'</p>	

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## Domain Name Order Creation

The system is used for customers to place an order for domain names: gtld (.com, .net, .org, .biz, .info and .name), Australian names (.com.au, .net.au, .org.au, .id.au and .asn.au), UK (.co.uk, .org.uk, .me.uk), and New Zealand (.co.nz, co.nz, net.nz, org.nz, ac.nz, gen.nz, maori.nz, school.nz, geek.nz) and the ccTLDs listed in Appendix B are all available via this API.

The registration of domain names is based initially on a successful LOGIN to the system through a ClientID and Password, as well as entering a valid domain name, registrant and other contact data.

This URL is for the live production system:

<https://ssl.twoplums.com.au/tppautomation/production/orderrequest.php>

The following URL is available for testing:

<https://ssl.twoplums.com.au/tppautomation/test/orderrequest.php>

There are validation checks before a domain name can successfully be inserted in our registrar system. Detailed specifications are described in the tables on the following pages, which contain all the fields that domain name registrations may have.

The tables also specify whether or not those fields are optional, conditional or always required as well as other features.

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ORDER DETAILS		
Field	Required/Optional/Conditional	Comments
RequestType	Required	"R": Registration ("T": Transfer)
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Registration Return Values table below) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that is used to log in the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
DomainName	Required	It must be a valid domain name including any of the supported suffixes: for example com, net, org, biz, info, name, asn.au, com.au, net.au, org.au, id.au, co.nz, co.uk. Valid domains: <ul style="list-style-type: none"> <li>▪ Are between from 2 to 63 characters long</li> <li>▪ Only use the characters a-z, A-Z, 0-9, and -(hyphen)</li> </ul> Note: .au and gTLD domains with hyphen in 3 <sup>rd</sup> and 4 <sup>th</sup> character are not valid. NB. Domains are not case sensitive
Period	Conditional	This variable indicates the registration period requested. It's not required to send a value if the period is any of the defaults, which are: <ul style="list-style-type: none"> <li>▪ GTLDs: 2 years, except for .name (1 year)</li> <li>▪ .au: 2 years</li> <li>▪ .co.uk: 2 years</li> <li>▪ .nz: 1 year</li> <li>▪ ccTLDs: 1 year</li> <li>▪</li> </ul> GTLDs can be registered for different periods: <ul style="list-style-type: none"> <li>▪ <u>Com/net/org</u> 1-10 years</li> <li>▪ <u>biz/info</u> 2-10 years</li> </ul> Default value is 2 years except <u>.name</u> NZs can be registered from 1 to 10 years ccTLDs can be registered for 1 or 2 years
Comments	Optional	Use this field for <u>au</u> registrations to send a Close and Substantial statement. Must be no longer than 255 characters, and contain no carriage returns. (\n)
EmailForwarding	Conditional	For .name registration only, a correct email must be entered
DNSpackage	Optional	Accepted value 'YES'. This is to indicate that the client is also buying a DNS package product, which includes DNS hosting on TPP name servers, web forwarding and emailforwarding.

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<b>NAME SERVERS (optional)</b>		
Field	Required/Optional/ Conditional	Comments
PrimaryNS	Optional/Conditional	As it is not necessary to delegate domains at the time of registration, all this fields are optional.
PrimaryNSIP		
SecondaryNS1		However, if a name server is specified, its IP address is required, and it is always required to have a primary and at least 1 secondary name server.
SecondaryNS1IP		
SecondaryNS2		
SecondaryNSIP2		
SecondaryNS3		
SecondaryNSIP3		

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<b>REGISTRANT (required)</b>		
Field	Required/Optional/ Conditional	Comments
RegistrantCompanyName	Optional	
RegistrantFirstName	Required	
RegistrantLastName	Required	
RegistrantEmail	Required	Correct Email format
RegistrantPhone	Required	Format: +61.299705242(+countrycode.areacodephonenumber) <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are allowed</li> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long</li> <li>▪ Use URL encoding for phone number to preserve plus sign (+)</li> </ul>
RegistrantFax	Optional	Same as RegistrantPhone
RegistrantAddressLine1	Required	
RegistrantAddressLine2	Optional	
RegistrantSuburb	Required	
RegistrantPostcode	Required	
RegistrantState	Required	Use abbreviations for Australian states (NSW, VIC, etc.)
RegistrantCountry	Required	Use country codes as supplied in the Country Codes table at the end of this document. Not case sensitive
		Note: a registrant ID is required only for .au domains, except for .id.au. One of the following three should be supplied:
RegistrantABN	Conditional	From 6 to 11 characters
RegistrantACN	Conditional	From 6 to 9 characters
RegistrantRBN	Conditional	From 2 to 20 characters
RegistrantRBNState	Conditional	Required when RegistrantRBN is supplied Use state abbreviations :NSW, VIC, SA, NT, WA,TAS, ACT, QLD Not case sensitive

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<b>TECHNICAL CONTACT (required for all domains)</b>		
Field	Required/Optional/Conditional	Comments
TechNIC	Optional	<p>Clients can supply existent contacts, which have been previously created by TPP. These contacts are related to the type of domain. So, for registering a gTLD domain only a gTLD contact can be used. The same applies for .au, .nz and .co.uk domains.</p> <p>The format of contact NICs can be:</p> <ul style="list-style-type: none"> <li>▪ .au: TPP1111-C</li> <li>▪ gTLD: TPPG1111-C</li> <li>▪ .nz: TPPNZ1111-C</li> <li>▪ .co.uk: TPPUK1111-C</li> <li>▪ ccTLDs: TPP1111-C</li> </ul> <p>When this NIC is supplied, none of the fields below are required.</p>
TechCompanyName	Optional	
TechFirstName	Required	
TechLastName	Required	
TechEmail	Required	Correct Email format
TechPhone	Required	<p>Format: +61.299705242(+countrycode.areacodephonenumber)</p> <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are allowed</li> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long</li> <li>▪ Use URL encoding for phone number to preserve plus sign (+)</li> </ul>
TechFax	Optional	Same as RegistrantPhone
TechAddressLine1	Required	
TechAddressLine2	Optional	
TechSuburb	Required	
TechPostcode	Required	
TechState	Required	Use abbreviations for Australian states (NSW, VIC, etc.)
TechCountry	Required	<p>Use country codes as supplied in the Country Codes table at the end of this document.</p> <p>Not case sensitive</p>

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<b>ADMINISTRATIVE CONTACT (optional)</b>		
Field	Required/Optional/Conditional	Comments
AdminNIC	Optional	<p>Clients can supply existent contacts, which have been previously created by TPP. These contacts are related to the type of domain. So, for registering a gTLD domain only a gTLD contact can be used. The same applies for .au, .nz and .co.uk domains.</p> <p>The format of contact NICs can be:</p> <ul style="list-style-type: none"> <li>▪ .au: TPP1111-C</li> <li>▪ gTLD: TPPG1111-C</li> <li>▪ .nz: TPPNZ1111-C</li> <li>▪ .co.uk: TPPUK1111-C</li> <li>▪ ccTLDs: TPP1111-C</li> </ul> <p>When this NIC is supplied, none of the fields below are required.</p>
AdminCompanyName	Optional	
AdminFirstName	Required	
AdminLastName	Required	
AdminEmail	Required	Correct Email format
AdminPhone	Required	<p>Format: +61.299705242(+countrycode.areacodephonenumber)</p> <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are allowed</li> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long</li> </ul>
AdminFax	Optional	Same as RegistrantPhone
AdminAddressLine1	Required	
AdminAddressLine2	Optional	
AdminSuburb	Required	
AdminPostcode	Required	
AdminState	Required	Use abbreviations for Australian states (NSW, VIC, etc.)
AdminCountry	Required	<p>Use country codes as supplied in the Country Codes table at the end of this document.</p> <p>Not case sensitive</p>

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<b>BILLING CONTACT (optional)</b>		
Field	Required/Optional/Conditional	Comments
BillNIC	Optional	<p>Clients can supply existent contacts, which have been previously created by TPP. These contacts are related to the type of domain. So, for registering a gTLD domain only a gTLD contact can be used. The same applies for .au, .nz and .co.uk domains.</p> <p>The format of contact NICs can be:</p> <ul style="list-style-type: none"> <li>▪ .au: TPP1111-C</li> <li>▪ gTLD: TPPG1111-C</li> <li>▪ .nz: TPPNZ1111-C</li> <li>▪ .co.uk: TPPUK1111-C</li> <li>▪ ccTLDs: TPP1111-C</li> </ul> <p>When this NIC is supplied, none of the fields below are required.</p>
BillCompanyName	Optional	
BillFirstName	Required	
BillLastName	Required	
BillEmail	Required	Correct Email format
BillPhone	Required	<p>Format: +61.299705242(+countrycode.areacodephonenumber)</p> <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are allowed</li> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long</li> <li>▪ Use URL encoding for phone number to preserve plus sign (+)</li> </ul>
BillFax	Optional	Same as RegistrantPhone
BillAddressLine1	Required	
BillAddressLine2	Optional	
BillSuburb	Required	
BillPostcode	Required	
BillState	Required	Use abbreviations for Australian states (NSW, VIC, etc.)
BillCountry	Required	<p>Use country codes as supplied in the Country Codes table at the end of this document.</p> <p>Not case sensitive</p>

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The table below lists the return values when a domain registration is requested:

<b>REGISTRATION RETURN VALUES</b>	
Field	Description
domain	domain name requested to be registered
orderid	Order number assigned by TPP. This variable is not returned when the order has failed.
response	Response code for the request. The possible values are '1650' and '1170': <ul style="list-style-type: none"><li>▪ 1650 means that the request was successfully received.</li><li>▪ 1170 means that there is at least one invalid or missing value.</li></ul>
requesttype	It returns as 'REGISTRATION' for registration requests.
description	This variable is returned only when there are missing or invalid values in the request. It shows a list of variables that are missing or invalid, separating each variable with a ' '. e.g: "Primary Name Server IP address is missing Secondary Name Server1 is missing Secondary Name Server1 IP address is missing"

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## Domain Name Transfer Orders

The section is used to process domains transfers from another Registrar to TPP Internet. Domain names that are able to be processed by the system are gTLDs (.com, .net, .org, .biz and .info), .au (.com.au, .net.au, .org.au, .id.au and .asn.au) and .nz (co.nz, net.nz, org.nz, ac.nz, gen.nz, maori.nz, school.nz, geek.nz, govt.nz, cri.nz, iwi.nz, mil.nz). Transferring domain names is based initially on a successful LOGIN to the system through a ClientID and Password, as well as entering a valid domain name which the registrant wishes to transfer.

There are a few other validation checks before a user can successfully transfer a domain name through the system. Detailed specifications are described on the following tables, which contain all the fields that the domain name transfer system can use. The table also specifies whether or not those fields are optional, conditional or always required and some other features.

The URL to post transfer requests is the same as for registrations:

This URL is for the live production system:

<https://ssl.twoplums.com.au/tppautomation/production/orderrequest.php>

The following URL is available for testing:

<https://ssl.twoplums.com.au/tppautomation/test/orderrequest.php>

All the same requirements and recommendations as for registration requests apply.

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ORDER DETAILS		
Field	Required/Optional/Conditional	Comments
RequestType	Required	"T": Transfer ("R": Registration)
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Transfer Return Values table below) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
DomainName	Required	It must be a valid existing domain name including any of the following suffixes: com, net, org, biz, info, com.au, net.au, org.au, id.au, asn.au, co.nz, net.nz, org.nz, ac.nz, gen.nz, maori.nz, school.nz, geek.nz, govt.nz, cri.nz, iwi.nz or mil.nz. Valid domains: <ul style="list-style-type: none"> <li>▪ Are between from 2 to 63 characters long</li> <li>▪ Only use the characters a-z, A-Z, 0-9, and -(hyphen)</li> </ul> Note: .au and gTLD domains with hyphen in 3 <sup>rd</sup> and 4 <sup>th</sup> character are not valid.
Password	Conditional	Required for all .au and .nz. Note that the password is also known as UDAI for .nz domains.
ValidateAUAuthinfo	Optional	If set to 'T' the authinfo (domain password) will be validated during the order submission. If set to 'F' or omitted the authinfo will not be validated. When set to 'T' if the authinfo is correct the order will proceed and you will receive a response code of 1650. When set to 'T' and the authinfo is not correct the order will not be accepted and the response code 1170 will be returned
Renewal	Conditional	The transfer of some domains imply their renewal according to the following conditions: <ul style="list-style-type: none"> <li>▪ .au domains don't get renewed with the transfer request, but if they expire within the next 90 days the system will generate a renewal invoice which will be emailed to the client when the transfer is completed</li> <li>▪ gTLDs can be renewed for 1 to 10 years, if no value is posted they will be renewed for 1 year by default.</li> <li>▪ .nz domains can be renewed for 1 to 10 years, however, if no value is posted they won't be renewed unless they expire within the next 14 days, in which case the system will force a 1 year renewal.</li> </ul>

# TPP Internet HTTP-POST System Documentation

Version 3.2

<b>REGISTRANT (required)</b>		
Field	Required/Optional/ Conditional	Comments
RegistrantCompanyName	Optional	For .nz domains, a new value for this field won't be accepted as the nz Registry considers this as a Change of Legal Owner.
RegistrantFirstName	Required	
RegistrantLastName	Required	
RegistrantEmail	Required	Correct Email format
RegistrantPhone	Required	Format: +61.299705242(+countrycode.areacodephonenumber) <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are allowed</li> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long</li> <li>▪ Use URL encoding for phone number to preserve plus sign (+)</li> </ul>
RegistrantFax	Optional	Same as RegistrantPhone
RegistrantAddressLine1	Required	
RegistrantAddressLine2	Optional	
RegistrantSuburb	Required	
RegistrantPostcode	Required	
RegistrantState	Required	Use abbreviations for Australian states (NSW, VIC, etc.)
RegistrantCountry	Required	Use country codes as supplied in the Country Codes table at the end of this document. Not case sensitive
		Registrant IDs are not required for transfers, but if supplied follow the parameters below:
RegistrantABN	Conditional	From 6 to 11 characters
RegistrantACN	Conditional	From 6 to 9 characters
RegistrantRBN	Conditional	From 2 to 20 characters
RegistrantRBNState	Conditional	Required when RegistrantRBN is supplied Use state abbreviations :NSW, VIC, SA, NT, WA,TAS, ACT, QLD Not case sensitive

# TPP Internet HTTP-POST System Documentation

Version 3.2

<b>TECHNICAL CONTACT (optional)</b>		
Field	Required/Optional/Conditional	Comments
TechNIC	Optional	<p>Clients can supply existent contacts, which have been previously created by TPP. These contacts are related to the type of domain. So, for registering a gTLD domain only a gTLD contact can be used. The same for applies for .au, .nz and .co.uk domains. The format of contact NICs can be:</p> <ul style="list-style-type: none"> <li>▪ .au: TPP1111-C</li> <li>▪ gTLD: TPPG1111-C</li> <li>▪ .nz: TPPNZ1111-C</li> <li>▪ .co.uk: TPPUK1111-C</li> </ul> <p>When this NIC is supplied, none of the fields below are required.</p>
TechCompanyName	Optional	
TechFirstName	Required	
TechLastName	Required	
TechEmail	Required	Correct Email format
TechPhone	Required	<p>Format: +61.299705242(+countrycode.areacodephonenumber)</p> <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are allowed</li> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long</li> <li>▪ Use URL encoding for phone number to preserve plus sign (+)</li> </ul>
TechFax	Optional	Same as RegistrantPhone
TechAddressLine1	Required	
TechAddressLine2	Optional	
TechSuburb	Required	
TechPostcode	Required	
TechState	Required	Use abbreviations for Australian states (NSW, VIC, etc.)
TechCountry	Required	<p>Use country codes as supplied in the Country Codes table at the end of this document.</p> <p>Not case sensitive</p>

# TPP Internet HTTP-POST System Documentation

Version 3.2

<b>ADMINISTRATIVE CONTACT (optional)</b>		
Field	Required/Optional/Conditional	Comments
AdminNIC	Optional	<p>Clients can supply existent contacts, which have been previously created by TPP. These contacts are related to the type of domain. So, for registering a gTLD domain only a gTLD contact can be used. The same applies for .au, .nz and .co.uk domains.</p> <p>The format of contact NICs can be:</p> <ul style="list-style-type: none"> <li>▪ .au: TPP1111-C</li> <li>▪ gTLD: TPPG1111-C</li> <li>▪ .nz: TPPNZ1111-C</li> <li>▪ .co.uk: TPPUK1111-C</li> </ul> <p>When this NIC is supplied, none of the fields below are required.</p>
AdminCompanyName	Optional	
AdminFirstName	Required	
AdminLastName	Required	
AdminEmail	Required	Correct Email format
AdminPhone	Required	<p>Format: +61.299705242(+countrycode.areacodephonenumber)</p> <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are allowed</li> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long</li> </ul>
AdminFax	Optional	Same as RegistrantPhone
AdminAddressLine1	Required	
AdminAddressLine2	Optional	
AdminSuburb	Required	
AdminPostcode	Required	
AdminState	Required	Use abbreviations for Australian states (NSW, VIC, etc.)
AdminCountry	Required	<p>Use country codes as supplied in the Country Codes table at the end of this document.</p> <p>Not case sensitive</p>

# TPP Internet HTTP-POST System Documentation

Version 3.2

<b>BILLING CONTACT (optional)</b>		
Field	Required/Optional/ Conditional	Comments
BillNIC	Optional	<p>Clients can supply existent contacts, which have been previously created by TPP. These contacts are related to the type of domain. So, for registering a gTLD domain only a gTLD contact can be used. The same applies for .au, .nz and .co.uk domains.</p> <p>The format of contact NICs can be:</p> <ul style="list-style-type: none"> <li>▪ .au: TPP1111-C</li> <li>▪ gTLD: TPPG1111-C</li> <li>▪ .nz: TPPNZ1111-C</li> <li>▪ .co.uk: TPPUK1111-C</li> </ul> <p>When this NIC is supplied, none of the fields below are required.</p>
BillCompanyName	Optional	
BillFirstName	Required	
BillLastName	Required	
BillEmail	Required	Correct Email format
BillPhone	Required	<p>Format: +61.299705242(+countrycode.areacodephonenumber)</p> <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are allowed</li> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long</li> <li>▪ Use URL encoding for phone number to preserve plus sign (+)</li> </ul>
BillFax	Optional	Same as RegistrantPhone
BillAddressLine1	Required	
BillAddressLine2	Optional	
BillSuburb	Required	
BillPostcode	Required	
BillState	Required	Use abbreviations for Australian states (NSW, VIC, etc.)
BillCountry	Required	<p>Use country codes as supplied in the Country Codes table at the end of this document.</p> <p>Not case sensitive</p>

# TPP Internet HTTP-POST System Documentation

Version 3.2

The table below lists the return values when a domain transfer is requested:

TRANSFER RETURN VALUES	
Field	Description
domain	domain name requested to be transferred
response	Response code for the request. The possible values are '1650' and '1170': <ul style="list-style-type: none"><li>▪ 1650 means that the request was successfully received.</li><li>▪ 1651 means that the request was successful, but the authinfo (domain password) was incorrect</li><li>▪ 1170 means that there is at least one invalid or missing value.</li><li>▪ 1170 is also returned if validating .au domain name passwords and the password is not correct</li></ul>
requesttype	It returns as 'TRANSFER' for transfer requests.
description	This variable is returned only when there are missing or invalid values in the request. It shows a list of variables that are missing or invalid, separating each variable with a ' '. e.g: "Registrant First Name is missing Registrant Last Name is missing".
TransferID	The ID assigned by TPP to the transfer request. Only returned when the request is successfully received.

# TPP Internet HTTP-POST System Documentation

Version 3.2

## Domain Info

This service allows users to retrieve information on domains that are in their account, whois style output but will a more complete set of fields.

NB. This will only work with domain names that are in your reseller account.

This URL is for the live production system:

<https://ssl.twoplums.com.au/tppautomation/production/info/DomainInfo.php>

The following URL is available for testing:

<https://ssl.twoplums.com.au/tppautomation/test/info/DomainInfo.php>

The required fields for this request are listed in the table below:

<b>DOMAIN INFORMATION REQUEST</b>		
Field	Required/Optional/Conditional	Comments
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Domain Information Return Values table below) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
DomainName	Required	It must be a domain name in the resellers account.
FullContacts	Optional	Set to 1 to return a full set of contact objects, including admin technical and billing contacts. If this value is 0 or not set only the registrant contract data is returned

# TPP Internet HTTP-POST System Documentation

Version 3.2

DOMAIN INFORMATION RETURN VALUES		
Field	Description	
DomainName	domain name	
response	Response code for the request. The possible values are '1650' and '1170': <ul style="list-style-type: none"> <li>▪ 1650 means that the request was successfully received</li> <li>▪ 1170 means that the domain wasn't found in the account or there was an error.</li> </ul>	
description	This is an explanation of what failed if the response is 1170.	
ExpiryDate	domain registration expiry date (dd-mm-yyyy)	
PrimaryNameServer	Name servers and IP addresses	
PrimaryNameServerIP		
SecondaryNameServer1		
SecondaryNameServer1IP		
SecondaryNameServer2		
SecondaryNameServer2IP		
SecondaryNameServer3		
SecondaryNameServer3IP		
RegistrantFirstName		
RegistrantLastNameSecondaryNameServer1IP		
RegistrantCompany		
RegistrantEmail		
RegistrantPhone	Format: +61.299705242(+countrycode.areacodephonenumber)	
RegistrantFax	Format: +61.299705242(+countrycode.areacodephonenumber)	
RegistrantAddress1		
RegistrantAddress2		
RegistrantSuburb		
RegistrantState		
RegistrantPostcode		
RegistrantCountry	Country Code (see Appendix A)	

# TPP Internet HTTP-POST System Documentation

Version 3.2

If the ReturnURL value is null, the domain information will be printed in this format:

##Start Data##

Domain Name: mydomain.net.au

Expiry Date: 14-03-2008

Primary Name Server: one.twoplums.com.au

Primary Name Server IP: 212.34.32.11

Secondary Name Server 1: two.twoplums.com.au

Secondary Name Server 1 IP: 212.34.32.12

Secondary Name Server 2: three.twoplums.com.au

Secondary Name Server 2 IP: 212.34.32.13

Secondary Name Server 3:

Secondary Name Server 3 IP:

Registrant First Name: Brian

Registrant Last Name: Adams

Registrant Company: TPP Internet

Registrant Email: brian@tppinternet.com

Registrant Phone: +89.888888888

Registrant Fax: +77.777777777

Registrant Address 1: 12 Sunshine Road

Registrant Address 2:

Registrant Suburb: Manly

Registrant State: NSW

Registrant Postcode: 8989

Registrant Country: AU

##End Data##

#####

#Response:1650#

#####

# TPP Internet HTTP-POST System Documentation

Version 3.2

## Account Query

This service allows api users to obtain a list of domain name that in your account. There are two parts to the API service

This first is a simple call that allows you to obtain the number of live (active) domains in your account

The second part of the service will return a list of (active) domain names in your account.

This URL is for the live production system:

<https://ssl.twoplums.com.au/tppautomation/production/info/AccountQuery.php>

The following URL is available for testing:

<https://ssl.twoplums.com.au/tppautomation/test/info/AccountQuery.php>

The required fields for this request are listed in the table below:

<b>ACCOUNT QUERY REQUEST</b>		
Field	Required/Optional/Conditional	Comments
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
DomainCount	Optional	This is a Boolean field 'T' will request the api to simply return the number of live domains in your account, setting it to 'F' or omitting it will request the api to return the list of domain names rather than the count.

# TPP Internet HTTP-POST System Documentation

Version 3.2

If the ReturnURL value is null, the domain information will be printed in this format:

This is where the value DomainCount is set to 'T'

```
##Start Data##  
Description: Query executed  
0: DomainCount  
1: xxxx  
##End Data##
```

```
#####  
#Response:1650#  
#####
```

This is where the value DomainCount is set to 'F'

```
##Start Data##  
Description: Query executed  
00: exampledomain.com.au  
01: example2domain.com.au  
02: example3domain.com.au  
##End Data##
```

```
#####  
#Response:1650#  
#####
```

# TPP Internet HTTP-POST System Documentation

Version 3.2

Domain Updates: Renewals, Delegations and Contact Updates

This service allows resellers to request the following transactions on domains in their accounts:

- [Renewals](#)
- [Delegations](#)
- [Contact Updates](#)

The URL to post domain update requests is:

This URL is for the live production system:

<https://ssl.twoplums.com.au/tppautomation/production/updates/domainupdate.php>

The following URL is available for testing:

<https://ssl.twoplums.com.au/tppautomation/test/updates/domainupdate.php>

The required fields for these requests are listed in the tables below:

# TPP Internet HTTP-POST System Documentation

Version 3.2

<b>RENEWAL REQUESTS</b>		
Field	Required/Optional/ Conditional	Comments
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Domain Renewal Return Values table) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
TransactionType	Required	Value must be "RENEWAL"
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
DomainName	Required	It must be a domain name in the resellers account.
Period	Required	Number of years to renew the domain registration for. <ul style="list-style-type: none"><li>• .au domains can only be renewed for 2 years only, not earlier than 3 months before they expire.</li><li>• .nz can be renewed for 1 to 10 years</li><li>• gTLDs can be renewed for 1 to 10 years as long as the expiry date after renewal is not later than 10 years' tme.</li><li>• .uk can be renewed for 2 years only, not earlier than 6 months before they expire.</li><li>• ccTLDs can be renewed for 1 or 2 years</li></ul>

# TPP Internet HTTP-POST System Documentation

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<b>RENEWAL RETURN VALUES</b>	
Field	Description
domain	domain name requested to be registered
orderid	Order number assigned by TPP. This variable is not returned when the order has failed.
response	Response code for the request. The possible values are '1650' and '1170': <ul style="list-style-type: none"><li>▪ 1650 means that the request was successfully received.</li><li>▪ 1170 means that there is at least one invalid or missing value.</li></ul>
requesttype	It returns as 'RENEWAL' for renewal requests.
description	This variable is returned only when there are missing or invalid values in the request. It shows a list of variables that are missing or invalid, separating each variable with a ' '. e.g: "Renewal period is missing."

# TPP Internet HTTP-POST System Documentation

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DELEGATION REQUESTS		
Field	Required/Optional/Conditional	Comments
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Delegation Return Values table) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
TransactionType	Required	Value must be "DELEGATION"
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
DomainName	Required	It must be a domain name in the resellers account.
NameServer1	Required	A valid name server
NameServer1IP	Required	A valid IP address
NameServer2	Required	A valid name server
NameServer2IP	Required	A valid IP address
NameServer3	Conditional	A valid name server – required if NameServer3IP is not null
NameServer3IP		A valid IP address – required if NameServer3 is not null
NameServer4		A valid name server – required if NameServer4IP is not null
NameServer4IP		A valid IP address – required if NameServer4 is not null

DELEGATION RETURN VALUES	
Field	Description
domain	domain name requested to be registered
response	Response code for the request. The possible values are '1650' and '1170': <ul style="list-style-type: none"> <li>▪ 1650 means that the request was successfully received.</li> <li>▪ 1170 means that there is at least one invalid or missing value.</li> </ul>
requesttype	It returns as 'DELEGATION' for delegation requests.
description	This variable is returned only when there are missing or invalid values in the request. It shows a list of variables that are missing or invalid, separating each variable with a ' '. e.g: "Primary Name Server is missing."

# TPP Internet HTTP-POST System Documentation

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<b>CONTACT UPDATE REQUESTS</b>		
Field	Required/ Optional/ Conditional	Comments
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Contact Update Return Values table) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
TransactionType	Required	Value must be "CONTACT_UPDATE"
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
DomainName	Required	It must be a domain name in the resellers account.
RegistrantFirstName	Required	
RegistrantLastName	Required	
RegistrantEmail	Required	A valid email address
RegistrantPhone	Required	Format: +61.299705242(+countrycode.areacodephonenumber) <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are allowed</li> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long</li> <li>▪ Use URL encoding for phone number to preserve plus sign (+)</li> </ul>
RegistrantFax	Optional	Same as RegistrantPhone
RegistrantAddressLine1	Required	
RegistrantAddressLine2	Optional	
RegistrantSuburb	Required	
RegistrantPostcode	Required	
RegistrantState	Required	Use abbreviations for Australian states (NSW, VIC, etc.)
RegistrantCountry	Required	Use country codes as supplied in the Country Codes table at the end of this document. Not case sensitive
TechNIC	Optional	Clients can supply existent contacts, which have been previously created by TPP. These contacts are related to the type of domain. So, for registering a gTLD domain only a gTLD contact can be used. The same for applies for .au, .nz and .co.uk domains. The format of contact NICs can be: <ul style="list-style-type: none"> <li>▪ .au: TPP1111-C</li> <li>▪ gTLD: TPPG1111-C</li> <li>▪ .nz: TPPNZ1111-C</li> <li>▪ .co.uk: TPPUK1111-C</li> </ul> When this NIC is supplied, none of the fields below are required (or are ignored if supplied).
TechCompanyName	Optional	
TechFirstName	Required	
TechLastName	Required	
TechEmail	Required	Correct Email format
TechPhone	Required	Format: +61.299705242(+countrycode.areacodephonenumber) <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are</li> </ul>

# TPP Internet HTTP-POST System Documentation

Version 3.2

CONTACT UPDATE REQUESTS		
Field	Required/ Optional/ Conditional	Comments
		<p>allowed</p> <ul style="list-style-type: none"> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long</li> </ul>
TechFax	Optional	Same as RegistrantPhone
TechAddressLine1	Required	
TechAddressLine2	Optional	
TechSuburb	Required	
TechPostcode	Required	
TechState	Required	Use abbreviations for Australian states (NSW, VIC, etc.)
TechCountry	Required	Use country codes as supplied in the Country Codes table at the end of this document. Not case sensitive
AdminNIC	Optional	<p>Clients can supply existent contacts, which have been previously created by TPP. These contacts are related to the type of domain. So, for registering a gTLD domain only a gTLD contact can be used. The same applies for .au, .nz and .co.uk domains.</p> <p>The format of contact NICs can be:</p> <ul style="list-style-type: none"> <li>▪ .au: TPP1111-C</li> <li>▪ gTLD: TPPG1111-C</li> <li>▪ .nz: TPPNZ1111-C</li> <li>▪ .co.uk: TPPUK1111-C</li> </ul> <p>When this NIC is supplied, none of the fields below are required (or are ignored if supplied).</p>
AdminCompanyName	Optional	
AdminFirstName	Required	
AdminLastName	Required	
AdminEmail	Required	Correct Email format
AdminPhone	Required	<p>Format: +61.299705242(+countrycode.areacodephonenumber)</p> <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are allowed</li> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long</li> <li>▪ Use URL encoding for phone number to preserve plus sign (+)</li> </ul>
AdminFax	Optional	Same as RegistrantPhone
AdminAddressLine1	Required	
AdminAddressLine2	Optional	
AdminSuburb	Required	
AdminPostcode	Required	
AdminState	Required	Use abbreviations for Australian states (NSW, VIC, etc.)
AdminCountry	Required	Use country codes as supplied in the Country Codes table at the end of this document. Not case sensitive
BillNIC	Optional	<p>Clients can supply existent contacts, which have been previously created by TPP. These contacts are related to the type of domain. So, for registering a gTLD domain only a gTLD contact can be used. The same applies for .au, .nz and .co.uk domains.</p> <p>The format of contact NICs can be:</p> <ul style="list-style-type: none"> <li>▪ .au: TPP1111-C</li> <li>▪ gTLD: TPPG1111-C</li> <li>▪ .nz: TPPNZ1111-C</li> </ul>

# TPP Internet HTTP-POST System Documentation

Version 3.2

CONTACT UPDATE REQUESTS		
Field	Required/ Optional/ Conditional	Comments
		<ul style="list-style-type: none"> <li>.co.uk: TPPUK1111-C</li> </ul> When this NIC is supplied, none of the fields below are required (or are ignored if supplied).
BillCompanyName	Optional	
BillFirstName	Required	
BillLastName	Required	
BillEmail	Required	Correct Email format
BillPhone	Required	Format: +61.299705242(+countrycode.areacodephonenumber) <ul style="list-style-type: none"> <li>Only numbers, the characters plus '+' and dot '.' are allowed</li> <li>The country code can be between 1 and 3 digits long.</li> <li>The section after the dot should not be more than 10 digits long</li> <li>Use URL encoding for phone number to preserve plus sign (+)</li> </ul>
BillFax	Optional	Same as RegistrantPhone
BillAddressLine1	Required	
BillAddressLine2	Optional	
BillSuburb	Required	
BillPostcode	Required	
BillState	Required	Use abbreviations for Australian states (NSW, VIC, etc.)
BillCountry	Required	Use country codes as supplied in the Country Codes table at the end of this document. Not case sensitive

## Notes:

- The company field of registrants cannot be modified through this system. Legal ownership changes should be referred to our Customer Service Department
- If a contact which is assigned to a different type of domain is requested, a new record will be created with the details of the NIC supplied.
- There are separate fields for registrant, technical, admin and billing contacts. It is not necessary to have all in a request. If the user wants to modify only the billing contact, only the billing contact fields are required.

CONTACT UPDATE RETURN VALUES	
Field	Description
domain	domain name requested to be registered
response	Response code for the request. The possible values are '1650' and '1170': <ul style="list-style-type: none"> <li>1650 means that the request was successfully received.</li> <li>1170 means that there is at least one invalid or missing value.</li> </ul>
requesttype	It returns as 'CONTACT_UPDATE' for contact update requests.
description	This variable is returned only when there are missing or invalid values in the request. It shows a list of variables that are missing or invalid, separating each variable with a ' '. e.g: "RegistrantPhone number is invalid."

# TPP Internet HTTP-POST System Documentation

Version 3.2

## Website Builder Services System Documentation

The object of this service is to order new website builder accounts, upgrades and renewals.

This URL is for the live production system:

<https://ssl.twoplums.com.au/tppautomation/production/wsb/wsbrequest.php>

The following URL is available for testing:

<https://ssl.twoplums.com.au/tppautomation/test/wsb/wsbrequest.php>

This service provides the following transactions:

- New orders
- Upgrades
- Renewals

# TPP Internet HTTP-POST System Documentation

Version 3.2

WEBSITE BUILDER NEW ORDER REQUESTS		
Field	Required/Optional/Conditional	Comments
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Website Builder Return Values table) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
TransactionType	Required	Value must be "NEW" for new Website Builder orders.
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
DomainName	Required	It must be a domain name in the resellers account.
Package	Required	Accepted values are: "business_card", "personal", "small_business" or "ecommerce". Case sensitive.
Period	Required	Integer. Number of months. Accepted values depend on the package: <ul style="list-style-type: none"> <li>• Business card: 12</li> <li>• Personal: 12</li> <li>• Small Business: 3 or 12</li> <li>• Ecommerce: 3 or 12</li> </ul>
FTPserver	Conditional	A valid server. Required if FTPport, DefaultDirectory or DefaultFilename are not null.
FTPport	Conditional	Integer. Up to 5 digits. A valid port number. Required if FTPserver, DefaultDirectory or DefaultFilename are not null.
DefaultDirectory	Optional	
DefaultFileName	Optional	Accepted values are index.html, index.htm, default.html or default.htm.
FTPusername	Conditional	Required if FTPpassword is not null.
FTPpassword	Conditional	Required if FTPusername is not null.

# TPP Internet HTTP-POST System Documentation

Version 3.2

WEBSITE BUILDER UPGRADE REQUESTS		
Field	Required/Optional/Conditional	Comments
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Website Builder Return Values table) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
TransactionType	Required	Value must be "UPGRADE" for Website Builder upgrades.
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
DomainName	Required	It must be a domain name in the resellers account which already has a Website Builder account.
Package	Required	Accepted values are: "business_card", "personal", "small_business" or "ecommerce". Case sensitive.  Website Builder accounts can not be downgraded, so: <ul style="list-style-type: none"> <li>• a Business Card account can be upgraded onto any of the other 3,</li> <li>• a Personal account can be upgraded onto Small Business or Ecommerce,</li> <li>• a Small Business account can be upgraded onto an Ecommerce account.</li> <li>• Ecommerce accounts can not be upgraded.</li> </ul>
Period	Required	Integer. Number of months. Accepted values depend on the package: <ul style="list-style-type: none"> <li>• Business card: 12</li> <li>• Personal: 12</li> <li>• Small Business: 3 or 12</li> <li>• Ecommerce: 3 or 12</li> </ul> The period can also be 0 for any upgrade. In this case, the expiry date of the new account will be the same as the old one.

# TPP Internet HTTP-POST System Documentation

Version 3.2

WEBSITE BUILDER RENEWAL REQUESTS		
Field	Required/Optional/Conditional	Comments
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Website Builder Return Values table) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
TransactionType	Required	Value must be "RENEWAL" for Website Builder renewals.
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
DomainName	Required	It must be a domain name in the resellers account which already has a Website Builder account.
Package	Required	Accepted values are: "business_card", "personal", "small_business" or "ecommerce". Case sensitive. It must be a package for which the domain already has an account.
Period	Required	Integer. Number of months. Accepted values depend on the package: <ul style="list-style-type: none"> <li>• Business card: 12</li> <li>• Personal: 12</li> <li>• Small Business: 3 or 12</li> <li>• Ecommerce: 3 or 12</li> </ul>

# TPP Internet HTTP-POST System Documentation

Version 3.2

WEBSITE BUILDER RETURN VALUES	
Field	Description
domain	domain name requested to be registered
orderid	Order number assigned by TPP. This variable is not returned when the order has failed.
response	Response code for the request. The possible values are '1650' and '1170': <ul style="list-style-type: none"><li>▪ 1650 means that the request was successfully received.</li><li>▪ 1170 means that there is at least one invalid or missing value.</li></ul>
requesttype	It returns as 'WB_NEWORDER' for Website Builder new order requests, 'WB_UPGRADE' for Website Builder upgrade requests, or 'WB_RENEWAL' for Website Builder renewal requests.
description	This variable is returned only when there are missing or invalid values in the request. It shows a list of variables that are missing or invalid, separating each variable with a ' '. e.g: "Renewal period is missing."

# TPP Internet HTTP-POST System Documentation

Version 3.2

## Digital Certificates Services System Documentation

The object of this service is to request new orders and renewals of Digital Certificates.

This URL is for the live production system:

<https://ssl.twoplums.com.au/tppautomation/production/digcerts/request.php>

The following URL is available for testing:

<https://ssl.twoplums.com.au/tppautomation/test/digcerts/request.php>

This service provides the following transactions:

- New orders
- Renewals

# TPP Internet HTTP-POST System Documentation

Version 3.2

<b>DIGITAL CERTIFICATES NEW ORDER REQUESTS</b>		
<b>Field</b>	<b>Required/Optional/Conditional</b>	<b>Comments</b>
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Website Builder Return Values table) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
TransactionType	Required	Value must be "NEW" for new Digital Certificate orders. Case sensitive.
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
HostName	Conditional	Required if certificate type is Quick SSL or Quick SSL Premium. It is optional for True Business certificates. The hostname for True Business Wildcard certificates must be of this form: *.domainname.com or *.host.domainname.com as it is meant to secure multiple websites that share the same domain and server.
DCType	Required	This is the certificate type. Accepted values are: "quickssl", "quickssl_premium", "truebizid" or "truebizid_wildcard" for each of the following types respectively: Quick SSL, Quick SSL Premium, True Business and True Business Wildcard. Case sensitive. N.B: "quicksslpremium" and "truebizidwildcard" are still accepted to keep compatibility with previous API version.
Period	Required	1 or 2 years. Only the number is required.
ServerType	Optional	The accepted values are listed below in between double quotes: <ul style="list-style-type: none"> <li>▪ "apache" for Apache</li> <li>▪ "apache2" for Apache 2</li> <li>▪ "apachessl" for Apache + MOD SSL</li> <li>▪ "apacheopenssl" for Apache + OpenSSL</li> <li>▪ "apacheraven" for Apache Raven</li> <li>▪ "apachesslay" for Apache SSLeay</li> <li>▪ "c2net" for C2Net Stronghold</li> <li>▪ "cobaltseries" for Cobalt Series</li> <li>▪ "cpanel" for Cpanel</li> <li>▪ "ensim" for Ensim</li> <li>▪ "hsphere" for Hsphere</li> <li>▪ "ibmhttp" for IBM HTTP</li> <li>▪ "iplanet" for iPlanet Server 4.1</li> <li>▪ "ipswitch" for Ipswitch</li> <li>▪ "domino" for Lotus Domino</li> <li>▪ "dominogo4625" for Lotus Domino Go 4625</li> <li>▪ "dominogo4626" for Lotus Domino Go 4626</li> <li>▪ "iis" for Microsoft Internet Information Server</li> <li>▪ "netscape" for Netscape Enterprise/Fastrack</li> <li>▪ "website" for O'Reilly Website Professional</li> <li>▪ "plesk" for Plesk</li> <li>▪ "tomcat" for Tomcat</li> <li>▪ "weblogic" for Weblogic – all versions</li> <li>▪ "webstar" for Webstar</li> <li>▪ "zeusv3" for Zeus v3+</li> </ul>

# TPP Internet HTTP-POST System Documentation

Version 3.2

<b>DIGITAL CERTIFICATES NEW ORDER REQUESTS</b>		
<b>Field</b>	<b>Required/Optional/Conditional</b>	<b>Comments</b>
		<ul style="list-style-type: none"> <li>“other” for Other web server</li> </ul> Case sensitive.
CSR	Required	A valid CSR for the hostname, which must start with the string: “-----BEGIN CERTIFICATE REQUEST-----“ and finish with the string: “-----END CERTIFICATE REQUEST-----“.
ApproverEmail	Conditional	Required only when ordering Quick SSL or Quick SSL Premium. Must be a valid existing email address which belongs to the hostname in question. e.g: if ordering certificate for secure.mydomain.com, the approver’s email address should be <a href="mailto:myname@secure.mydomain.com">myname@secure.mydomain.com</a> or <a href="mailto:myname@mydomain.com">myname@mydomain.com</a> . This email address is where GeoTrust (digital certificate issuer) will contact you. Note: the only accepted email addresses are “admin”, “administrator”, “hostmaster”, “root”, “ssladmin”, “sysadmin” and “webmaster” followed by @hostname.domainname.suffix or @domainname.suffix and any email addresses that appear publicly when querying the domain with the whois command.
<b>Organisation Contact</b>	<b>Required</b>	<b>These are the details of the main contact for the certificate. The organisation fields are described below.</b>
OrgFirstName	Required	
OrgLastName	Required	
OrgCompany	Required	
OrgEmail	Required	Valid email address. This is where the certificate will be emailed to.
OrgPhone	Required	Format: +61.299705242(+countrycode.areacodephonenumber) <ul style="list-style-type: none"> <li>Only numbers, the characters plus ‘+’ and dot ‘.’ are allowed.</li> <li>The country code can be between 1 and 3 digits long.</li> <li>The section after the dot should not be more than 10 digits long.</li> </ul> Use URL encoding for phone number to preserve plus sign (+).
OrgFax	Conditional	Required for True Business and True Business Wildcard certificates. Format: +61.299705242(+countrycode.areacodephonenumber) <ul style="list-style-type: none"> <li>Only numbers, the characters plus ‘+’ and dot ‘.’ are allowed.</li> <li>The country code can be between 1 and 3 digits long.</li> <li>The section after the dot should not be more than 10 digits long.</li> </ul> Use URL encoding for phone number to preserve plus sign (+).
OrgAddress1	Required	
OrgAddress2	Optional	
OrgSuburb	Required	
OrgState	Required	
OrgPostcode	Required	
OrgCountry	Required	Country code (see Appendix A)
<b>Technical Contact</b>	<b>Optional</b>	<b>The technical contact details are described below.</b>
TechFirstName	Required	
TechLastName	Required	

# TPP Internet HTTP-POST System Documentation

Version 3.2

DIGITAL CERTIFICATES NEW ORDER REQUESTS		
Field	Required/Optional/Conditional	Comments
TechCompany	Required	
TechEmail	Required	Valid email address. The certificate will be emailed to this address too.
TechPhone	Required	Format: +61.299705242(+countrycode.areacodephonenumber) <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are allowed.</li> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long.</li> </ul> Use URL encoding for phone number to preserve plus sign (+).
TechFax	Conditional	Format: +61.299705242(+countrycode.areacodephonenumber) <ul style="list-style-type: none"> <li>▪ Only numbers, the characters plus '+' and dot '.' are allowed.</li> <li>▪ The country code can be between 1 and 3 digits long.</li> <li>▪ The section after the dot should not be more than 10 digits long.</li> </ul> Use URL encoding for phone number to preserve plus sign (+).
TechAddress1	Required	
TechAddress2	Optional	
TechSuburb	Required	
TechState	Required	
TechPostcode	Required	
TechCountry	Required	Country code (see Appendix A)

DIGITAL CERTIFICATES NEW ORDER RETURN VALUES	
Field	Description
hostname	Host name for which the certificate was requested.
orderid	Order number assigned by TPP. This variable is not returned when the order has failed.
response	Response code for the request. The possible values are '1650' and '1170': <ul style="list-style-type: none"> <li>▪ 1650 means that the request was successfully received.</li> <li>▪ 1170 means that there is at least one invalid or missing value.</li> </ul>
requesttype	It returns as 'DC_NEWORDER' for Digital Certificates new order requests.
description	This variable is returned only when there are missing or invalid values in the request. It shows a list of variables that are missing or invalid, separating each variable with a ' '. e.g: "Renewal period is missing."

# TPP Internet HTTP-POST System Documentation

Version 3.2

If the ReturnURL value is null or empty, the response will be printed in this format:

Successful Response:

```
##Start Data##  
Order: 99999  
Host Name: ssl.tpp.com.au  
##End Data##
```

```
#####  
#Response:1650#  
#####
```

Unsuccessful response:

```
#####  
#Response: 1170#  
#Description:#  
#Wrong DCType#  
#####
```

# TPP Internet HTTP-POST System Documentation

Version 3.2

<b>DIGITAL CERTIFICATES RENEWAL REQUESTS</b>		
<b>Field</b>	<b>Required/Optional/Conditional</b>	<b>Comments</b>
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Website Builder Return Values table) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
TransactionType	Required	Value must be "RENEWAL" for Digital Certificate renewals Case sensitive.
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
HostName	Required	Host name that belongs to the requester's account and expires within the next 60 days.
DCType	Required	This is the certificate type to renew. Accepted values are: "quickssl", "quickssl_premium", "truebizid" or "truebizid_wildcard" for each of the following types respectively: Quick SSL, Quick SSL Premium, True Business and True Business Wildcard. Case sensitive. N.B: "quicksslp premium" and "truebizidwildcard" are still accepted for compatibility with previous version.
Period	Required	1 or 2 years. Only the number is required.
ServerType	Optional	The accepted values are listed below in between double quotes: <ul style="list-style-type: none"> <li>▪ "apache" for Apache</li> <li>▪ "apache2" for Apache 2</li> <li>▪ "apachessl" for Apache + MOD SSL</li> <li>▪ "apacheopenssl" for Apache + OpenSSL</li> <li>▪ "apacheraven" for Apache Raven</li> <li>▪ "apachesslay" for Apache SSLeay</li> <li>▪ "c2net" for C2Net Stronghold</li> <li>▪ "cobaltseries" for Cobalt Series</li> <li>▪ "cpanel" for Cpanel</li> <li>▪ "ensim" for Ensim</li> <li>▪ "hsphere" for Hsphere</li> <li>▪ "ibmhttp" for IBM HTTP</li> <li>▪ "iplanet" for iPlanet Server 4.1</li> <li>▪ "ipswitch" for Ipswitch</li> <li>▪ "domino" for Lotus Domino</li> <li>▪ "dominogo4625" for Lotus Domino Go 4625</li> <li>▪ "dominogo4626" for Lotus Domino Go 4626</li> <li>▪ "iis" for Microsoft Internet Information Server</li> <li>▪ "netscape" for Netscape Enterprise/Fastrack</li> <li>▪ "website" for O'Reilly Website Professional</li> <li>▪ "plesk" for Plesk</li> <li>▪ "tomcat" for Tomcat</li> <li>▪ "weblogic" for Weblogic – all versions</li> <li>▪ "webstar" for Webstar</li> <li>▪ "zeusv3" for Zeus v3+</li> <li>▪ "other" for Other web server</li> </ul> Case sensitive.
CSR	Conditional	Required if the current server type is "iis4", "iis5" or "other". A valid CSR for the hostname, which must start with the string: "-----BEGIN CERTIFICATE REQUEST-----" and

# TPP Internet HTTP-POST System Documentation

Version 3.2

DIGITAL CERTIFICATES RENEWAL REQUESTS		
Field	Required/Optional/Conditional	Comments
		finish with the string: “-----END CERTIFICATE REQUEST-----”.
ApproverEmail	Optional	Optional for renewals of Quick SSL or Quick SSL Premium certificates. Must be a valid existing email address which belongs to the hostname in question. e.g: if ordering certificate for secure.mydomain.com, the approver’s email address should be <a href="mailto:myname@secure.mydomain.com">myname@secure.mydomain.com</a> or <a href="mailto:myname@mydomain.com">myname@mydomain.com</a> . This email address is where GeoTrust (digital certificate issuer) will contact you. Note: the only accepted email addresses are “admin”, “administrator”, “hostmaster”, “root”, “ssladmin”, “sysadmin” and “webmaster” followed by @hostname.domainname.suffix or @domainname.suffix and any email addresses that appear publicly when querying the domain with the whois command.
Organisation Contact	Optional	The organization contact details are optional for renewals. They must be sent only if the certificate’s owner wishes to change the existing details. Field names and requirements are the same as for new orders (see Digital Certificates New Order Requests table).
Technical Contact	Optional	The technical contact details are optional for renewals. They must be sent only if the certificate’s owner wishes to change the existing details. Field names and requirements are the same as for new orders (see Digital Certificates New Order Requests table).

DIGITAL CERTIFICATES RENEWAL RETURN VALUES	
Field	Description
hostname	Host name for which the certificate was requested.
orderid	Order number assigned by TPP. This variable is not returned when the order has failed.
response	Response code for the request. The possible values are ‘1650’ and ‘1170’: <ul style="list-style-type: none"> <li>▪ 1650 means that the request was successfully received.</li> <li>▪ 1170 means that there is at least one invalid or missing value.</li> </ul>
requesttype	It returns as ‘DC_RENEWAL’ for Digital Certificates renewals.
description	This variable is returned only when there are missing or invalid values in the request. It shows a list of variables that are missing or invalid, separating each variable with a ‘ ’. e.g: “Renewal period is missing.”

# TPP Internet HTTP-POST System Documentation

Version 3.2

If the ReturnURL value is null or empty, the response will be printed in this format:

Successful Response:

```
##Start Data##  
Order: 99999  
Host Name: ssl.tpp.com.au  
##End Data##
```

```
#####  
#Response:1650#  
#####
```

Unsuccessful response:

```
#####  
#Response: 1170#  
#Description:#  
#Missing HostName#  
#####
```

# TPP Internet HTTP-POST System Documentation

Version 3.2

## Order Status

This service allows users to retrieve information on orders they have placed

NB. This will only work with orders placed by you that are in your reseller account.

This URL is for the live production system:

<https://ssl.twoplums.com.au/tppautomation/production/info/OrderInfo.php>

The following URL is available for testing:

<https://ssl.twoplums.com.au/tppautomation/test/info/OrderInfo.php>

The required fields for this request are listed in the table below:

<b>ORDER INFORMATION REQUEST</b>		
Field	Required/Optional/ Conditional	Comments
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Domain Information Return Values table below) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
OrderID	Required	It must be an order placed inside the reseller's account.
ListDomains	Optional	The accepted values are: 0 or 1. 1, will return a list of the domains associated with OrderID.
DomainName	Optional	Accepted value: a valid domain name. If the domain name given in the parameter is associated with the OrderID and it belongs to ClientID, its expiry date and password will be returned.

# TPP Internet HTTP-POST System Documentation

Version 3.2

ORDER INFORMATION RETURN VALUES	
Field	Description
order	Order number assigned by TPP. This variable is not returned when the order has failed.
response	Response code for the request. The possible values are '1380', '1650', '1170': <ul style="list-style-type: none"> <li>▪ 1380 means that the request was successfully received, and the order is not complete</li> <li>▪ 1650 means that the request was successfully received, and the order is complete</li> <li>▪ 1170 means that there is at least one invalid or missing value.</li> </ul>
requesttype	It returns "ORDERSTATUS"
description	When there are missing or invalid values in the request, this shows a list of variables that are missing or invalid, separating each variable with a ' '. When the request is successful, it will say if the order is complete or not.
Domains	List of domains associated with the order, separated with ' '. This variable is returned only when the ListDomains argument is 1.
DomainName	A domain name associated with the order. This variable is returned only when the argument DomainName is posted. If the domain name submitted in the request doesn't belong to the client's account, this variable won't be sent back in the response.
ExpiryDate	The expiry date of the domain name specified in DomainName. The format of the date is dd-mm-yyyy (e.g: 13-06-2008). This variable is returned only when: <ul style="list-style-type: none"> <li>- the argument DomainName is posted,</li> <li>- the transaction in the order is a Domain Registration,</li> <li>- the domain has been registered or renewed, and</li> <li>- the domain hasn't been cancelled.</li> </ul> If the domain name submitted in the request doesn't belong to the client's account, this variable won't be sent back in the response.
DomainPassword	The password of the domain name specified in DomainName. This variable is returned only when: <ul style="list-style-type: none"> <li>- the argument DomainName is posted,</li> <li>- the transaction in the order is a Domain Registration,</li> <li>- the domain has been registered or renewed, and</li> <li>- the domain hasn't been cancelled.</li> </ul> If the domain name submitted in the request doesn't belong to the client's account, this variable won't be sent back in the response.

# TPP Internet HTTP-POST System Documentation

Version 3.2

## Transfer Status

This service allows users to retrieve information on transfer requests they have placed.

NB. This will only work with transfer requested by you that are in your reseller account.

This URL is for the live production system:

<https://ssl.twoplums.com.au/tppautomation/production/info/TransferInfo.php>

The following URL is available for testing:

<https://ssl.twoplums.com.au/tppautomation/test/info/TransferInfo.php>

The required fields for this request are listed in the table below:

<b>TRANSFER INFORMATION REQUEST</b>		
Field	Required/Optional/ Conditional	Comments
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Domain Information Return Values table below) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
TransferID	Required	This is the ID assigned by TPP to the transfer request.
TransferType	Required	Values must be: "AU", "GTLN" or "NZ".

# TPP Internet HTTP-POST System Documentation

Version 3.2

TRANSFER INFORMATION RETURN VALUES	
Field	Description
response	Response code for the request. The possible values are '1650', '1170': <ul style="list-style-type: none"> <li>▪ 1650 means that the request was successfully received.</li> <li>▪ 1170 means that there is at least one invalid or missing value.</li> </ul>
requesttype	It returns "TRANSFERSTATUS"
description	When there are missing or invalid values in the request, this shows a list of variables that are missing or invalid, separating each variable with a ' '.
TransferID	Transfer ID requested.
TransferType	TransferType requested: "AU", "GTLD" or "NZ".
DomainName	A domain name requested to be transferred into ClientID.
TransferStatusCode	Code indicating status of transfer (see transfer status codes table).
TransferStatusText	Description of status of transfer code (see transfer status codes table).
OrderID	The ID of the order generated by the system when the transfer has been approved and completed. This value is returned only when the TransferStatusCode is AU09, AU10, GTLD08, GTLD09 or NZ04.

TRANSFER STATUS CODES	
Code	Text
<b>All Domains</b>	
T01	Unavailable
<b>.au Domains</b>	
AU01	Pending Transfer
AU02	Email Approval Queued
AU03	Pending Approval
AU04	Pending Payment
AU05	Pending
AU06	Hold
AU07	Requested
AU08	Registry Approved
AU09	Order Created
AU10	Complete
<b>gTLD Domains</b>	
GTLD01	Pending Transfer
GTLD02	Check Transferability
GTLD03	Payment Pending
GTLD04	Email Approval Queued
GTLD05	Hold
GTLD06	Requested
GTLD07	Registrar Approved
GTLD08	Order Created
GTLD09	Complete
<b>.nz Domains</b>	
NZ01	Pending Payment
NZ02	Pending
NZ03	Hold
NZ04	Complete

# TPP Internet HTTP-POST System Documentation

Version 3.2

## Virtual Hosting Orders

This section of the API allows users to create and renew virtual hosting services.

Using this API call the following virtual hosting products may be ordered:

- Business Email
- Advanced Email
- Premium Email
- Business Web
- Advanced Web
- Premium Web

In addition to the above the free DNS service can also be provisioned. The DNS resource records may be set up once the service has been provisioned by accessing the hosting interface.

This URL is for the live production system:

<https://ssl.twoplums.com.au/tppautomation/production/hosting/hostingrequest.php>

The following URL is available for testing:

<https://ssl.twoplums.com.au/tppautomation/test/hosting/hostingrequest.php>

# TPP Internet HTTP-POST System Documentation

Version 3.2

<b>HOSTING NEW ORDER REQUESTS</b>		
Field	Required/Optional/ Conditional	Comments
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Hosting Return Values table) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
TransactionType	Required	Value must be "NEW" for new hosting orders.
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
DomainName	Required	This is the domain name that the hosting service is being ordered for
Package	Required	Accepted values are: <ul style="list-style-type: none"> <li>• BusinessEmail</li> <li>• AdvancedEmail</li> <li>• PremiumEmail</li> <li>• BusinessWeb</li> <li>• AdvancedWeb</li> <li>• PremiumWeb</li> <li>• URLForwarding</li> <li>• DNS</li> </ul> These values are case sensitive.
Period	Required	Integer. Number of months that the service is being ordered for. Accepted values are: <ul style="list-style-type: none"> <li>• 12</li> <li>• 24</li> <li>• 0 (only use this period for DNS product)</li> </ul> URL Forwarding/DNS products don't expire so send 0 for the period when order that product type.

# TPP Internet HTTP-POST System Documentation

Version 3.2

HOSTING NEW ORDER RETURN VALUES	
Field	Description
domain	domain name requested to be registered
orderid	Order number assigned by TPP. This variable is not returned when the order has failed.
response	Response code for the request. The possible values are '1650' and '1170': <ul style="list-style-type: none"><li>▪ 1650 means that the request was successfully received.</li><li>▪ 1170 means that there is at least one invalid or missing value.</li></ul>
description	This variable is returned only when there are missing or invalid values in the request. It shows a list of variables that are missing or invalid, separating each variable with a ' '. e.g: "Renewal period is missing."

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HOSTING RENEWAL REQUESTS		
Field	Required/Optional/Conditional	Comments
ReturnURL	Optional	It must be a URL, including http or https. The returned variables (as shown in the Hosting Return Values table) will be posted to this URL. If no ReturnURL is posted, users will be able to see all the returned variables on the screen of a browser.
TransactionType	Required	Value must be "RENEWAL" for hosting renewals.
ClientID	Required	ID assigned by TPP to the client.
ClientPassword	Required	This is the same password that clients use to log in to the Online Management System. If the client has more than one username and password, any of the passwords for Full access users can be used.
DomainName	Required	This is the domain name that the hosting service is being ordered for
Package	Required	Accepted values are: <ul style="list-style-type: none"> <li>• BusinessEmail</li> <li>• AdvancedEmail</li> <li>• PremiumEmail</li> <li>• BusinessWeb</li> <li>• AdvancedWeb</li> <li>• PremiumWeb</li> <li>• URLForwarding</li> </ul> These values are case sensitive.
Period	Required	Integer. Number of months that the service is being ordered for. Accepted values are:- <ul style="list-style-type: none"> <li>• 12</li> <li>• 24</li> </ul> URL Forwarding/DNS products don't expire so they don't need to be renewed.

HOSTING RENEWAL RETURN VALUES	
Field	Description
domain	domain name requested to be registered
orderid	Order number assigned by TPP. This variable is not returned when the order has failed.
response	Response code for the request. The possible values are '1650' and '1170': <ul style="list-style-type: none"> <li>▪ 1650 means that the request was successfully received.</li> <li>▪ 1170 means that there is at least one invalid or missing value.</li> </ul>
description	This variable is returned only when there are missing or invalid values in the request. It shows a list of variables that are missing or invalid, separating each variable with a ' '. e.g: "Renewal period is missing."

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## APPENDIX A: COUNTRY CODES

Code	Country	Code	Country
AF	Afghanistan	LY	Libya
AL	Albania	LI	Liechtenstein
DZ	Algeria	LT	Lithuania
AS	American Samoa	LU	Luxembourg
AD	Andorra	MO	Macau
AO	Angola	MK	Macedonia
AI	Anguilla	MG	Madagascar
AQ	Antarctica	MW	Malawi
AG	Antigua and Barbuda	MY	Malaysia
AR	Argentina	MV	Maldives
AM	Armenia	ML	Mali
AW	Aruba	MT	Malta
AU	Australia	MH	Marshall Islands
AT	Austria	MQ	Martinique
AZ	Azerbaijan	MR	Mauritania
BS	Bahamas	MU	Mauritius
BH	Bahrain	YT	Mayotte
BD	Bangladesh	MX	Mexico
BB	Barbados	FM	Micronesia
BY	Belarus	MD	Moldova
BE	Belgium	MC	Monaco
BZ	Belize	MN	Mongolia
BJ	Benin	MS	Montserrat
BM	Bermuda	MA	Morocco
BT	Bhutan	MZ	Mozambique
BO	Bolivia	MM	Myanmar
BA	Bosnia and Herzegovina	NA	Namibia
BW	Botswana	NR	Nauru
BV	Bouvet Island	NP	Nepal
BR	Brazil	NL	Netherlands
IO	British Indian Ocean Territory	AN	Netherlands Antilles
BN	Brunei Darussalam	NT	Neutral Zone
BG	Bulgaria	NC	New Caledonia
BF	Burkina Faso	NZ	New Zealand (Aotearoa)
BI	Burundi	NI	Nicaragua
KH	Cambodia	NE	Niger
CM	Cameroon	NG	Nigeria
CA	Canada	NU	Niue
CV	Cape Verde	NF	Norfolk Island
KY	Cayman Islands	MP	Northern Mariana Islands
CF	Central African Republic	NO	Norway
TD	Chad	OM	Oman
CL	Chile	PK	Pakistan
CN	China	PW	Palau
CX	Christmas Island	PA	Panama
CC	Cocos (Keeling) Islands	PG	Papua New Guinea
CO	Colombia	PY	Paraguay
KM	Comoros	PE	Peru
CG	Congo	PH	Philippines
CK	Cook Islands	PN	Pitcairn
CR	Costa Rica	PL	Poland

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Code	Country	Code	Country
CI	Cote D'Ivoire (Ivory Coast)	PT	Portugal
HR	Croatia (Hrvatska)	PR	Puerto Rico
CU	Cuba	QA	Qatar
CY	Cyprus	RE	Reunion
CS	Czechoslovakia (former)	RO	Romania
CZ	Czech Republic	RU	Russian Federation
DK	Denmark	RW	Rwanda
DJ	Djibouti	KN	Saint Kitts and Nevis
DM	Dominica	LC	Saint Lucia
DO	Dominican Republic	VC	Saint Vincent and the Grenadines
TP	East Timor	WS	Samoa
EC	Ecuador	SM	San Marino
EG	Egypt	ST	Sao Tome and Principe
SV	El Salvador	SA	Saudi Arabia
GQ	Equatorial Guinea	SN	Senegal
ER	Eritrea	SC	Seychelles
EE	Estonia	GS	S. Georgia and S. Sandwich Isls.
ET	Ethiopia	SL	Sierra Leone
FK	Falkland Islands (Malvinas)	SG	Singapore
FO	Faroe Islands	SK	Slovak Republic
FJ	Fiji	SI	Slovenia
FI	Finland	Sb	Solomon Islands
FR	France	SO	Somalia
FX	France - Metropolitan	ZA	South Africa
GF	French Guiana	ES	Spain
PF	French Polynesia	LK	Sri Lanka
TF	French Southern Territories	SH	St. Helena
GA	Gabon	PM	St. Pierre and Miquelon
GM	Gambia	SD	Sudan
GE	Georgia	SR	Suriname
DE	Germany	SJ	Svalbard and Jan Mayen Islands
GH	Ghana	SZ	Swaziland
GI	Gibraltar	SE	Sweden
GB	Great Britain (UK)	CH	Switzerland
GR	Greece	SY	Syria
GL	Greenland	TW	Taiwan
GD	Grenada	TJ	Tajikistan
GP	Guadeloupe	TZ	Tanzania
GU	Guam	TH	Thailand
GT	Guatemala	TG	Togo
GN	Guinea	TK	Tokelau
GW	Guinea-Bissau	TO	Tonga
GY	Guyana	TT	Trinidad and Tobago
HT	Haiti	TN	Tunisia
HM	Heard and McDonald Islands	TR	Turkey
HN	Honduras	TM	Turkmenistan
HK	Hong Kong	TC	Turks and Caicos Islands
HU	Hungary	TV	Tuvalu
IS	Iceland	UG	Uganda
IN	India	UA	Ukraine

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Code	Country	Code	Country
ID	Indonesia	AE	United Arab Emirates
IR	Iran	UK	United Kingdom
IQ	Iraq	US	United States
IE	Ireland	UY	Uruguay
IL	Israel	UM	US Minor Outlying Islands
IT	Italy	SU	USSR (former)
JM	Jamaica	UZ	Uzbekistan
JP	Japan	VU	Vanuatu
JO	Jordan	VA	Vatican City State (Holy See)
KZ	Kazakhstan	VE	Venezuela
KE	Kenya	VN	Viet Nam
KI	Kiribati	VG	Virgin Islands (British)
KP	Korea (North)	VI	Virgin Islands (U.S.)
KR	Korea (South)	WF	Wallis and Futuna Islands
KW	Kuwait	EH	Western Sahara
KG	Kyrgyzstan	YE	Yemen
LA	Laos	YU	Yugoslavia
LV	Latvia	ZR	Zaire
LB	Lebanon	ZM	Zambia
LS	Lesotho	ZW	Zimbabwe
LR	Liberia		

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## APPENDIX B: ccTLDs

Country	Suffixes
	.tv
Austria	.co.at, .at
Belgium	.be
Canada	.ca
China	.com.cn, .net.cn, .org.cn, .cn
Cocos (Keeling) Islands	.cc
Germany	.de
Honk Kong	.com.hk, .net.hk, .org.hk, .hk
India	.co.in, .net.in, .org.in, .in
Japan	.jp
Korea	.co.kr
Malaysia	.com.my, .net.my, .org.my
Pakistan	.com.pk
Philippines	.com.ph, .net.ph, .org.ph, .ph
Singapore	.com.sg, .net.sg, .org.sg, .sg
Solomon Islands	com.sb, .net.sb
Switzerland	.ch
Taiwan	.com.tw, .org.tw, .idv.tw
United States	.us
Vietnam	.com.vn
Western Samoa	.ws