



# Table of Contents

<b>Part I Introduction</b>	<b>4</b>
<b>Part II ChangeLog</b>	<b>6</b>
<b>Part III API Domain Functions</b>	<b>7</b>
1 Create Domain	7
2 Check Domain	8
3 Delete Domain	8
4 Update Domain	9
5 Renew Domain	9
6 Transfer Domain	10
7 Suspend Domain	11
8 Unsuspend Domain	11
9 Check Domain Multiple TLDs	12
10 Domain Information	12
11 Update Nameservers	13
12 [Uniforum] Set Glue Records	15
13 [Uniforum] Glue Record Information	16
14 Nameserver Host Information	17
15 Set Nameserver Host Records	18
16 Delete Nameserver Host	18
17 Toggle Registrar Lock	19
18 Registrar Lock Status	19
19 Domain EPP Auth Key	20
20 Cancel Domain Update	20
21 Cancel Domain Delete	21
22 Toggle Domain Auto Renew	21
23 Transfer Domain Response	22
24 Transfer Domain Check	22
25 Cancel Domain Transfer	23
26 Domain Totals	23
27 Transfer In List	24
28 Transfer Out List	25
29 Domain List	26
<b>Part IV API Poll Functions</b>	<b>27</b>

1	Poll Totals	27
2	Poll Acknowledge	27
3	Poll List	28
<b>Part V API Reseller Functions</b>		<b>29</b>
1	Reseller Information	29
2	Reseller List	30
3	Reseller Prices	31
4	Reseller Get Prices	32
5	Reseller Set Prices	32
6	Reseller Add Credit	33
7	Reseller Remove Credits	34
8	View Email Notifications	35
9	Set Email Notifications	36
<b>Part VI API Report Functions</b>		<b>37</b>
1	Domain Statistics	37
<b>Part VII API Premium DNS Functions</b>		<b>38</b>
1	DNS Create Domain	38
2	DNS Delete Domain	38
3	DNS Update Type	39
4	DNS Save Records	39
5	DNS Get Records	40
<b>Part VIII API Examples</b>		<b>41</b>
1	PEAR HTTP_Request2	41
2	PHP Curl	42
3	DNS Update Records	44
4	Nameserver Host Records	46

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Web Service

**Method :** The service is provided via RESTful POST  
**Live URL :** https://api-v3.domains.co.za  
**Development URL :** https://api-dev3.domains.co.za  
**API Version : 3.3.0**

Value Definitions

In the following documentation, values will be shown with the following interpretation.

Value	Description
eg: something	This is an example of the format of the value that should be used with a parameter.
opt: 'option'	This is the available options allowed for a specific parameter.

Consistent Data Members

These are constant variables which exist throughout the API subsystem, they will be referenced to in each of the functions.

Name	Type	Description	Value
key	string	API access key provided for by domains.co.za	eg: 444616faa4c4410613bb5721931829d3
intReturnCode	int	0 = Not Available or Failed 1 = Successful 2 = Pending Action Successful 4 = Item Not Pending Action 6 = Invalid API Key/Invalid Username OR Password 7 = Authentication Error 8 = Association Prohibits Operation 9 = Unknown Error 10 = Missing Parameter 11 = Item Does Not Exist 12 = Status Prohibits Operation 13 = Item already exists 14 = Command Syntax Error 15 = Unknown Command 16 = Database Call Failed 17 = Internal Error 18 = Connection Refused 19 = Billing Failure 20 = Request Timed Out. 22 = Connection Failed to Provider	eg: 1
Contact Numbers	string	Phone numbers throughout the system must follow the format of: +countrycode . phonenumber	eg: +27.0116409700

Poll Message Codes

Code	Type	Description
3001	contact	Contact Updated Successful
3002	contact	Empty Update Command
4000	nameserver	First Nameserver Check Failed
4001	nameserver	Consecutive Nameserver Check Failed
4002	nameserver	Nameserver Check Successful
4003	update	Domain Pending Update
4004	update	Domain Update Successful
4005	renew	Domain Renew Successful
4006	delete	Domain Deletion Successful
4007	release	Domain Release Successful
4008	delete	Domain Pending Deletion
4009	update	Pending Update Canceled
4010	transfer	Domain Transfer Request
4011	transfer	Domain Transfer Successful
4013	transfer	Domain Transfer Canceled
4014	delete	Pending Suspension Canceled
4016	delete	Domain Suspended. Pending Deletion
4017	nameserver	Nameserver Check Failed after one week, resubmit nameservers to check
4018	transfer	Domain Transferred Away
4019	transfer	Domain not eligible for transfer
4020	delete	Pending Deletion Canceled
4021	update	Registrant could not be found
4022	transfer	Domain Transfer Rejected
4023	transfer	Domain Transfer will be rejected on expiry of the pending update
4024	delete	Domain in closed redemption
4025	delete	Pending Closed Redemption canceled
4026	create	Domain Registration Successful
5000	unknown	Unknown message

# ChangeLog

## Change Log - 3.2.1 - 3.3.0

Action	Function	Description
Deprecated/Removed	Create Domain	"dns = default" has been removed from this parameters options
Deprecated/Removed	Transfer Domain	"dns = default" has been removed from this parameters options
Deprecated/Removed	Update Nameservers	"dns = default" has been removed from this parameters options
Removed	Get Default Nameservers	This function has been removed from the API
Removed	Set Default Nameservers	This function has been removed from the API
Typo	Create Domain	Corrected typo that the dns parameter should be optional and not mandatory
Change	Reseller Prices	This function has been redesigned to allow individual pricing for Registration, Renewal, Transfer and Redemption per TLD
Change	Reseller Get Prices	This function has been redesigned to allow individual pricing for Registration, Renewal, Transfer and Redemption per TLD
Change	Reseller Set Prices	This function has been redesigned to allow individual pricing for Registration, Renewal, Transfer and Redemption per TLD
Typo	View Email Notifications	This was listed under the Domains section and has now been correctly placed under the Reseller Section
Typo	Set Email Notifications	This was listed under the Domains section and has now been correctly placed under the Reseller Section

3.1 Create Domain

POST URL https://api-v3.domains.co.za/api/domain/domain/create

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
sld	string	Y	The domain to be registered	eg: mydomain
tld	string	Y	The TLD extension for the domain being registered	opt: co.za
registrantName	string	Y	Registrant's Name	eg: Bob Smith
registrantEmail	string	Y	Registrant's Email Address	eg: bob@domain.com
registrantContactNumber	string	O	Registrant's Phone Number (Refer to: <a href="#">Data Members</a> )	eg: +27.0116409700
registrantAddress1	string	Y	Registrant's Address	eg: 1 Zuid Street
registrantAddress2	string	O	Registrant's Optional 2nd Line of Address	eg: Bagleyston
registrantPostalCode	string	Y	Registrant's Postal Code	eg: 2192
registrantCountry	string	Y	Registrant's Country - Must be ISO Country Code	eg: ZA
registrantCompany	string	O	Registrant's Company	eg: DiaMatrix cc
registrantCity	string	Y	Registrant's City	eg: Johannesburg
registrantProvince	string	O	Registrant's Province / State	eg: Gauteng
period	int	O***	Initial Period for registration in years	eg: 2 (2 years)
dns	string	O	- Create the domain using our Premium DNS service. - Use the Nameservers specified in the call	opt: 'managed' opt: 'custom' (default option)
ns1	string	Y*	First Nameserver	eg: ns1.tld-ns.com
ns2	string	Y*	Second Nameserver	eg: ns2.tld-ns.com
ns3	string	O	Third Nameserver	eg: ns3.tld-ns.com
ns4	string	O	Forth Nameserver	eg: ns4.tld-ns.com
ns5	string	O	Fifth Nameserver	eg: ns5.tld-ns.com
ns6	string	O**	Sixth Nameserver	eg: ns6.tld-ns.com
ns7	string	O**	Seventh Nameserver	eg: ns7.tld-ns.com
ns8	string	O**	Eighth Nameserver	eg: ns8.tld-ns.com
ns9	string	O**	Ninth Nameserver	eg: ns9.tld-ns.com
ns10	string	O**	Tenth Nameserver	eg: ns10.tld-ns.com
externalRef	string	O	A customizable reference for this domain	eg: VC12734

OUTPUT			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
strDomainName	string	The domain name	eg: mydomain.co.za
strRegistrant	string	The registrants unique ID assigned to the domain	eg: BS:2ecb5a3be20e0
intCrDate	int	Creation date unix timestamp	eg: 1337249032
intExDate	int	Expiry data unix timestamp	eg: 1337258043

Function Notes

- The registrant will automatically be created when the domain is registered.
- When the domain has been registered successfully, the system will return the domain registration details and outcome of the registration.
- \* When the 'dns' parameter is set to 'managed' or 'default', the 'ns1' and 'ns2' parameters are not required.
- \*\* Uniform (.co.za tld) only supports 5 nameservers.
- \*\*\* Uniform only allows 1 year registration periods.

## 3.2 Check Domain

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/check`

### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	opt: co.za

### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Domain Available or Domain Unavailable

### Function Description

- This function is used for checking the availability of a domain.
- If the domain does not exist, it can be registered using the 'Create Domain' function.
- If the domain does exist, it cannot be registered again.

## 3.3 Delete Domain

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/delete`

### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	opt: co.za

### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful Action Pending

### Function Notes

- A .co.za domain delete takes 10 days to complete according to Registry Policies.



### 3.4 Update Domain

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/update`

#### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The SLD of the domain which the contact information must be updated	eg: mydomain
<b>tld</b>	string	Y	The TLD of the domain which the contact information must be updated	eg: co.za
<b>contactName</b>	string	Y	contact's Name	eg: Bob Smith
<b>contactEmail</b>	string	Y	contact's Email Address	eg: bob@domain.com
<b>contactContactNumber</b>	string	Y	contact's Phone Number (Refer to: <a href="#">Data Members</a> )	eg: +27.0116409700
<b>contactAddress1</b>	string	Y	contact's Address	eg: 1 Zuid Street
<b>contactAddress2</b>	string	O	contact's Optional 2nd Line of Address	eg: Bagleyston
<b>contactPostalCode</b>	string	Y	contact's Postal Code	eg: 2192
<b>contactCountry</b>	string	Y	contact's Country - Must be ISO Country Code	eg: ZA
<b>contactCompany</b>	string	O	contact's Company	eg: DiaMatrix cc
<b>contactCity</b>	string	Y	contact's City	eg: Johannesburg
<b>contactProvince</b>	string	O	contact's Province / State	eg: Gauteng

#### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful Action Pending

#### Function Notes

- This function is used to update a registrants contact information.
- Contact updates enter a pending state for 5 days on Uniforum.

### 3.5 Renew Domain

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/renew`

#### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	opt: co.za
<b>period</b>	int	O	The amount of years the domain should be renewed (up to 10 years)	eg : 5 (defaults to 1 year)

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
strDomainName	string	The name of the domain being renewed	eg: mydomain.co.za
intExDate	int	The new expiry date of the domain	eg: 1337249032

Function Note
<ul style="list-style-type: none"> <li>Uniform co.za domains can only be renewed for 1 year.</li> </ul>

### 3.6 Transfer Domain

POST URL	<a href="https://api-v3.domains.co.za/api/domain/domain/transfer">https://api-v3.domains.co.za/api/domain/domain/transfer</a>
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INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
sld	string	Y	The domain to be transferred	eg: mydomain
tld	string	Y	The TLD extension for the domain being transferred	opt: co.za
registrantName	string	Y	Registrant's Name	eg: Bob Smith
registrantEmail	string	Y	Registrant's Email Address	eg: bob@domain.com
registrantContactNumber	string	O	Registrant's Phone Number (Refer to: <a href="#">Data Members</a> )	eg: +27.0116409700
registrantAddress1	string	Y	Registrant's Address	eg: 1 Zuid Street
registrantAddress2	string	O	Registrant's Optional 2nd Line of Address	eg: Bagleyston
registrantPostalCode	string	Y	Registrant's Postal Code	eg: 2192
registrantCountry	string	Y	Registrant's Country - Must be ISO Country Code	eg: ZA
registrantCompany	string	O	Registrant's Company	eg: DiaMatrix cc
registrantCity	string	Y	Registrant's City	eg: Johannesburg
registrantProvince	string	O	Registrant's Province / State	eg: Gauteng
eppKey	string	Y***	The EPP Key that is required when transferring international domains	eg: 50ff866d47e20
dns	string	Y	- Use the existing Nameservers. - Create the domain using our Premium DNS service. - Use the Nameservers specified in the call.	opt: 'keep' (default option) opt: 'managed' opt: 'custom'
ns1	string	Y*	First Nameserver	eg: ns1.tld-ns.com
ns2	string	Y*	Second Nameserver	eg: ns2.tld-ns.net
ns3	string	O	Third Nameserver	eg: ns3.tld-ns.com
ns4	string	O	Forth Nameserver	eg: ns4.tld-ns.com
ns5	string	O	Fifth Nameserver	eg: ns5.tld-ns.org
ns6	string	O**	Sixth Nameserver	eg: ns6.tld-ns.biz
ns7	string	O**	Seventh Nameserver	eg: ns7.tld-ns.org
ns8	string	O**	Eighth Nameserver	eg: ns8.tld-ns.biz
ns9	string	O**	Nineth Nameserver	eg: ns9.tld-ns.info
ns10	string	O**	Tenth Nameserver	eg: ns10.tld-ns.org
externalRef	string	O	A customizable reference for this domain	eg: VC12345

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string (64)	Description of the transaction status	eg: Successful Action Pending
strDomainName	String(128)	The domain name	eg: mydomain.co.za
strRegistrant	String(32)	The registrants unique ID assigned to the domain	eg: BS:2ecb5a3be20e0

Function Notes
<ul style="list-style-type: none"> <li>The eppKey value <b>MUST</b> be urlencoded to accommodate special characters.</li> <li>This function is used to initial a domain transfer for an new registrant.</li> <li>Domain transfers can take up to 5 days.</li> <li>* When the 'dns' parameter is set to 'keep', 'managed' or 'default', the 'ns1' and 'ns2' parameters are not required.</li> <li>** Uniforum (co.za) only supports up to 5 nameservers</li> <li>*** The EPP Key is not required when transferring a .co.za domain</li> </ul>

### 3.7 Suspend Domain

POST URL	https://api-v3.domains.co.za/api/domain/domain/suspend
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INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
sld	string	Y	The domain to be checked	eg: mydomain
tld	string	Y	The TLD extension for the domain being registered	opt: co.za

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful

Function Notes
<ul style="list-style-type: none"> <li>This function is used to suspend a domain at the Registry.</li> </ul>

### 3.8 Unsuspend Domain

POST URL	https://api-v3.domains.co.za/api/domain/domain/unsuspend
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INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
sld	string	Y	The domain to be checked	eg: mydomain
tld	string	Y	The TLD extension for the domain being registered	opt: co.za

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful

## Function Notes

- This function is used to unsuspend a domain at the Registry.

### 3.9 Check Domain Multiple TLDs

## POST URL

https://api-v3.domains.co.za/api/domain/domain/checkTlds

## INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be added to Premium DNS	eg: mydomain
<b>tlds</b>	string	O	The TLD extension for the domim	eg: co.za;org;com

## RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Request Successful
<b>strSLD</b>	string	The SLD portion of the domain name	eg: domains
<b>arrTlds</b>	array	Returns an array containing the result of the multiple TLD search	eg: [arrTlds] => stdClass Object ( [co.za] => stdClass Object ( [code] => 0 [message] => Domain Not Available ) [org] => stdClass Object ( [code] => 1 [message] => Domain Available ) [com] => stdClass Object ( [code] => 1 [message] => Domain Available ) )

## Function Notes

- This function is used to check the availability of a domain against multiple TLDs.

### 3.10 Domain Information

## POST URL

https://api-v3.domains.co.za/api/domain/domain/info

## INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain name	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	opt: co.za

RETURN			
Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful
<b>strDomainName</b>	string	The domain name	eg: mydomain.co.za
<b>strStatus</b>	string	The status of the domain	eg: "ok", "serverHold", "pendingUpdate"
<b>arrNameservers</b>	array	Returns the array of nameservers currently assigned to the domain	eg: [arrNameservers] => Array ( [0] => ns1.tld-ns.com [1] => ns2.tld-ns.net [2] => ns3.tld-ns.com [3] => ns4.tld-ns.net )
<b>arrRegistrant</b>	array	Returns the array of the registrants information	eg: [arrRegistrant] => stdClass Object ( [strContactID] => Bo:51076a8eac51 [strContactName] => Bob Smith [strContactEmail] => bob@domains.co.za [strContactNumber] => +27.116409700 [strContactCompany] => Bobs Company [strContactAddress] => Array ( [0] => 1 Zuid Street [1] => Bagleyston [2] => ) [strContactCity] => Johannesburg [strContactProvince] => Gauteng [strContactPostalCode] => 2192 [strContactCountry] => ZA [strContactFax] => [strStatus] => ok )
<b>autoRenew</b>	bool	If auto renew is enabled or not on this domain	eg: 'true' or 'false'
<b>strDns</b>	string	Indicated if domain is provisioned on Premium DNS	eg: "1" or "0"
<b>externalRef</b>	string	The external reference set for this domain	eg: VC12345
<b>intCrDate</b>	int	Domain creation date timestamp	eg: 1337249032
<b>intUpDate</b>	int	Date the domain was last updated	eg: 1337249012
<b>intExDate</b>	int	Domain expiry date timestamp	eg: 1337292012

#### Function Notes

- The Domain Information function is used to lookup all information on a specific registered domain.

## 3.11 Update Nameservers

**POST URL** <https://api-v3.domains.co.za/api/domain/domain/nsUpdate>

INPUT				
Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	opt: co.za

dns	string	O	- Activate the Premium DNS service on the domain - Disabled the Premium DNS service and uses the nameservers specified	opt : 'managed' opt : 'custom' (default)
ns1	string	Y**	First Nameserver	eg: ns1.tld-ns.com
ns2	string	Y**	Second Nameserver	eg: ns2.tld-ns.com
ns3	string	O	Third Nameserver	eg: ns3.tld-ns.com
ns4	string	O	Fourth Nameserver	eg: ns4.tld-ns.com
ns5	string	O	Fifth Nameserver	eg: ns5.tld-ns.com
ns6	string	O*	Sixth Nameserver	eg: ns6.tld-ns.com
ns7	string	O*	Seventh Nameserver	eg: ns7.tld-ns.com
ns8	string	O*	Eighth Nameserver	eg: ns8.tld-ns.com
ns9	string	O*	Ninth Nameserver	eg: ns9.tld-ns.com
ns10	string	O*	Tenth Nameserver	eg: ns10.tld-ns.com

RETURN

Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful Action Pending

Function Notes

- This function can be used to update the Nameservers of a domain.
- \* co.za domains only allow up to 5 nameservers.
- \*\* ns1 and ns2 parameters are not required if the 'dns' parameter is set to managed or default

## 3.12 [Uniforum] Set Glue Records

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/setGlue`

### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	String	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	opt: co.za
<b>ns1</b>	string	Y	First Nameserver	eg: ns1.mydomain.co.za
<b>ns1-ip4</b>	string	Y	Primary Nameserver IPV4 IP address for GLUE	eg: 41.76.104.100
<b>ns1-ip6</b>	string	O	Primary Nameserver IPV6 IP address for GLUE	eg: 2001:470:1f08:33::2
<b>ns2</b>	string	Y	Second Nameserver	eg: ns2.mydomain.co.za
<b>ns2-ip4</b>	string	Y	Secondary Nameserver IPV4 IP address for GLUE	eg: 41.222.33.100
<b>ns2-ip6</b>	string	O	Secondary Nameserver IPV6 IP address for GLUE	eg: 2001:470:1f14:841::2
<b>ns3</b>	string	O	Third Nameserver	eg: ns3.mydomain.co.za
<b>ns3-ip4</b>	string	O	Additional Nameserver IPV4 IP address for GLUE	eg: 208.100.5.199
<b>ns3-ip6</b>	string	O	Additional Nameserver IPV6 IP address for GLUE	eg: 2607:f128:40:2200::199
<b>ns4</b>	string	O	Forth Nameserver	eg: ns4.mydomain.co.za
<b>ns4-ip4</b>	string	O	Additional Nameserver IPV4 IP address for GLUE	eg: 208.100.5.200
<b>ns4-ip6</b>	string	O	Additional Nameserver IPV6 IP address for GLUE	eg: 2607:f128:40:2200::200
<b>ns5</b>	string	O	Fifth Nameserver	eg: ns5.mydomain.co.za
<b>ns5-ip4</b>	string	O	Additional Nameserver IPV4 IP address for GLUE	eg: 208.100.5.222
<b>ns5-ip6</b>	string	O	Additional Nameserver IPV6 IP address for GLUEs	eg: 2607:f128:40:2200::222

### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful Action Pending

### Function Notes

- This function is used to create nameservers for the Uniforum .co.za TLD as they do not support the host functions.
- If the nameservers have not been provisioned, this update will expiry after 5 days.

3.13 [Uniforum] Glue Record Information

POST URL https://api-v3.domains.co.za/api/domain/domain/infoGlue

INPUT				
Parameter	Type	Req	Description	Value
key	String	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
sld	String	Y	The domain to be checked	eg: mydomain
tld	String	Y	The TLD extension for the domain being registered	opt: co.za

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	eg: 1
strDomainName	String	The domain the request was for	eg: mydomain.co.za
strNs1	String	First Nameserver name	eg: ns1.mydomains.co.za
strNs1_ip4	String	IPV4 address of the first nameserver	eg: 41.76.104.100
strNs1_ip6	String	IPV6 address of the first nameserver	eg: 2c0f:f850:dc03:a::100
strNs2	String	Second Nameserver name	eg: ns2.mydomains.co.za
strNs2_ip4	String	IPV4 address of the second nameserver	eg: 41.222.33.100
strNs2_ip6	String	IPV6 address of the second nameserver	eg: 2c0f:f850:dc04:a::100
strNs3	String	Third Nameserver name	eg: ns3.mydomains.co.za
strNs3_ip4	String	IPV4 address of the third nameserver	eg: 41.76.104.99
strNs3_ip6	String	IPV6 address of the third nameserver	eg: 2c0f:f850:dc03:a::99
strNs4	String	Forth Nameserver name	eg: ns4.mydomains.co.za
strNs4_ip4	String	IPV4 address of the forth nameserver	eg: 41.222.33.99
strNs4_ip6	String	IPV6 address of the forth nameserver	eg: 2c0f:f850:dc04:a::99
strNs5	String	Fifth Nameserver name	eg: ns5.mydomains.co.za
strNs5_ip4	String	IPV4 address of the fifth nameserver	eg: 72.77.123.32
strNs5_ip6	String	IPV6 address of the fifth nameserver	eg: 2c0f:f850:dc03:a::105
strMessage	String	Description of the transaction status	eg: Successful

Function Notes
<ul style="list-style-type: none"><li>This function is used to view the nameservers GLUE records for a Uniforum .co.za TLD.</li></ul>



3.14 Nameserver Host Information

POST URL https://api-v3.domains.co.za/api/domain/domain/infoHost

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
sld	string	Y	The domain to be checked	eg: mydomain
tld	string	Y	The TLD extension for the domain being registered	eg: com
host	string	Y	The nameserver host to be registered	eg: ns1.mydomain.com

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strHostName	string	The host which has been created or updated	eg: ns1.mydomain.com
arrIPs	array	The ip addresses assigned to this host	eg: [arrIPs => Array ( [0] => stdClass Object (type) => v6 (ip) => 2c0f:f850:dc03:a:0:0:0:100 ) [1] => stdClass Object (type) => v6 (ip) => 2c0f:f850:dc04:a:0:0:0:100 ) [2] => stdClass Object (type) => v4 (ip) => 77.75.120.60 ) [3] => stdClass Object (type) => v4 (ip) => 41.76.104.100 ) )
strMessage	string	Description of the transaction status	eg: Successful

Function Notes
<ul style="list-style-type: none"><li>• This function can be used to get the information regarding a host record.</li><li>• The system will return a Successful once the transaction as been completed.</li></ul>

### 3.15 Set Nameserver Host Records

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/setHost`

#### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	eg: com
<b>host</b>	string	Y	The nameserver host to be registered	eg: ns1.mydomain.com
<b>host[int]-ip4</b>	string	Y	The IPV4 address for the host	eg: 41.76.104.100
<b>host[int]-ip6</b>	string	O	The IPV6 address for the host	eg: 2001:470:1f08:33::2

#### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strHostName</b>	string	The host which has been created or updated	eg: ns1.mydomain.com
<b>strMessage</b>	string	Description of the transaction status	eg: Successful

#### Function Notes

- This function can be used to create or update the host records for international nameservers.
- The system will return a Successful once the transaction as been completed.
- The function allows for multiple ip addresses to be configured for a host by incrementing the [int] value.
- Set Example [Nameserver Host Records](#)

### 3.16 Delete Nameserver Host

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/deleteHost`

#### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	eg: com
<b>host</b>	string	Y	The nameserver host to be registered	eg: ns1.mydomain.com

#### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strHostName</b>	string	The host which has been created or updated	eg: ns1.mydomain.com
<b>strMessage</b>	string	Description of the transaction status	eg: Successful

#### Function Notes

- This function can be used to delete a host record.
- Only host records which are not used as nameservers on any domains can be deleted.
- The system will return a Successful once the transaction as been completed.

### 3.17 Toggle Registrar Lock

**POST URL** <https://api-v3.domains.co.za/api/domain/domain/lock>

#### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	opt: com
<b>action</b>	string	Y	This toggle is used to registrar lock or unlock a domain	opt: 'lock' or 'unlock'

#### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful

#### Function Notes

- This function can be used to registrar lock or unlock a domain.
- Uniforum co.za domains do not support registrar locking.**

### 3.18 Registrar Lock Status

**POST URL** <https://api-v3.domains.co.za/api/domain/domain/lockStatus>

#### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	opt: com

#### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful
<b>strDomainName</b>	string	The domain the request was for	eg: mydomain.com
<b>strLockStatus</b>	string	The lock status of a domain	eg: locked or unlocked

#### Function Notes

- This function can be used to view the registrar lock status on a domain.
- Uniforum co.za domains do not support registrar locking.**

### 3.19 Domain EPP Auth Key

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/eppKey`

#### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	opt: com

#### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful
<b>strDomainName</b>	string	The domain the request was for	eg: mydomain.com
<b>strEPPKey</b>	string	The EPP Key for the domain	eg: 50ff866d47e20

#### Function Notes

- This function can be used to view the EPP key for a registered domain.
- Uniform co.za domains do not support EPP keys.

### 3.20 Cancel Domain Update

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/cancelUpdate`

#### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	String	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	String	Y	The domain to be checked	eg: mydomain
<b>tld</b>	String	Y	The TLD extension for the domain being registered	opt: co.za

#### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	String	Description of the transaction status	eg: Successful

#### Function Notes

- This function can be used to cancel an update of a domain.

### 3.21 Cancel Domain Delete

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/cancelDelete`

#### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	opt: co.za

#### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful

#### Function Notes

- This function can be used to cancel a domain deletion.

### 3.22 Toggle Domain Auto Renew

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/autorenew`

#### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	opt: co.za
<b>autorenew</b>	string	Y	Toggle the auto renew option on or off	opt: 'true' or 'false'

#### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful
<b>strDomainName</b>	string	The name of the domain being renewed	eg: mydomain.co.za

#### Function Notes

- This function can be used to toggle the auto renew feature on or off for a domain.
- If auto renew is toggled on for a domain, the domain does not require the "renew domain" api call when domain is approaching expiry.
- Domains on auto-renew are renewed 7 days prior to the domain expiry.
- Do not enable auto-renew if you are using the WHMCS module.

### 3.23 Transfer Domain Response

**POST URL** <https://api-v3.domains.co.za/api/domain/domain/transferResponse>

#### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being registered	opt: co.za
<b>response</b>	string	Y	Approve or Decline an outgoing domain transfer	opt: 'approve' or 'reject'

#### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful
<b>strDomainName</b>	string	The domain name being responded too.	eg: mydomain.co.za

#### Function Notes

- This function can be used to Approve or Reject a domain transfer.

### 3.24 Transfer Domain Check

**POST URL** <https://api-v3.domains.co.za/api/domain/domain/transferCheck>

#### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be checked	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain being checked	opt: co.za

#### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful
<b>strDomainName</b>	string	The domain name the quotation is for	eg: mydomain.co.za
<b>requestDate</b>	int	The date the transfer was requested timestamp	eg: 1337249032
<b>status</b>	string	The status of the domain transfer	eg: Pending or Transfer Failed or Transfer Successful

#### Function Notes

- This function can be used to check the status of an incoming domains transfer.

## 3.25 Cancel Domain Transfer

POST URL	https://api-v3.domains.co.za/api/domain/domain/transferCancel
----------	---

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
sld	string	Y	The domain to be checked	eg: mydomain
tld	string	Y	The TLD extension for the domain being registered	opt: co.za

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
strDomainName	string	The domain name being responded too.	eg: mydomain.co.za

Function Notes
<ul style="list-style-type: none"> <li>This function can be used to cancel a pending domain transfer request.</li> </ul>

## 3.26 Domain Totals

POST URL	https://api-v3.domains.co.za/api/domain/domain/domainTotals
----------	---

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
arrTotals	array	Totals are returned in an array	eg: "intTotalDomains": "1405", "intTotalTransfersIn": "0", "intTotalTransfersOut": "3", "intTotalPendingUpdates": "50", "intTotalPremiumDNS": "9", "intTotalReg24": "8", "intTotalReg7": "19", "intTotalReg30": "23", "intTotalExpiring1": "4", "intTotalExpiring7": "12", "intTotalExpiring14": "68", "intTotalExpiring30": "124", "intTotalExpiring60": "199", "intTotalExpiring90": "312"

Function Notes
<ul style="list-style-type: none"> <li>This function is used to retrieve a numerical list of domains</li> </ul>

## 3.27 Transfer In List

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/transferInList`

### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>order</b>	string	O	Change the order of the results	opt: 'ascending' opt: 'descending'
<b>startPoint</b>	int	O	Set the starting point of the list when more than 500 results	eg: 501
<b>limit</b>	int	O	Limit the amount of results returned	eg: 100
<b>search</b>	string	O	Search for a specific domain	eg: test

### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful
<b>arrDomains</b>	Array	domain suggestions are returned in an array	eg: ( [0] => stdClass Object ( [strDomainName] => testapi.co.za [status] => Pending [requestDate] => 1379576590 ) [1] => stdClass Object ( [strDomainName] => eppapi.co.za [status] => Transfer Successful [requestDate] => 1378961734 ) )
<b>intTotal</b>	int	The total amount of domains	eg: 1673
<b>intReturnedTotal</b>	int	The total amount of domains returned	eg: 850
<b>intFilterTotal</b>	int	The total amount of filtered results returned	eg: 2

### Function Notes

- This function is used to retrieve a list of domains currently transferring In.
- A default limit of 500 results are returned.



3.28 Transfer Out List

POST URL https://api-v3.domains.co.za/api/domain/domain/transferOutList

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
order	string	O	Change the order of the results	opt: 'ascending' opt: 'descending'
startPoint	int	O	Set the starting point of the list when more than 500 results	eg: 501
limit	int	O	Limit the amount of results returned	eg: 100
search	string	O	Search for a specific domain	eg: test

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
arrDomains	Array	domain suggestions are returned in an array	eg: <pre>(   [0] =&gt; stdClass Object   (     [strDomainName] =&gt; testapi.co.za     [status] =&gt; Pending     [requestDate] =&gt; 1379576590   )   [1] =&gt; stdClass Object   (     [strDomainName] =&gt; eppapi.co.za     [status] =&gt; Transfer Successful     [requestDate] =&gt; 1378961734   ) )</pre>
intTotal	int	The total amount of domains	eg: 1673
intReturnedTotal	int	The total amount of domains returned	eg: 850
intFilterTotal	int	The total amount of filtered results returned	eg: 2

Function Notes
<ul style="list-style-type: none"><li>• This function is used to retrieve a list of domains currently transferring out.</li><li>• A default limit of 500 results are returned.</li></ul>

## 3.29 Domain List

**POST URL** `https://api-v3.domains.co.za/api/domain/domain/domainList`

### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>registrant</b>	string	O	Filter results by the registrants unique ID	eg: BS:2ecb5a3be20e0
<b>startPoint</b>	int	O	Set the starting point of the list	eg: 300 (default is 0)
<b>limit</b>	int	O	Limit the amount of results returned	eg: 15
<b>filter</b>	string	O	Filter the results	opt: 'expired' opt: 'expiring' (24 hours) opt: 'expiring7' (7 days) opt: 'expiring14' (14 days) opt: 'expiring30' (30 days) opt: 'expiring60' (60 days) opt: 'expiring90' (90 days) opt: 'reg1' opt: 'reg7' opt: 'reg30' opt: 'pDNS' opt: 'customDNS'
<b>sortBy</b>	string	O	Sort the results	opt: 'dateRegistered' opt: 'dateExpiring' opt: 'name' (default)
<b>order</b>	string	O	Order the results returned	opt: ascending' opt: 'descending'
<b>search</b>	string	O	Search domain name by string	eg: test

### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful
<b>arrDomains</b>	array	domain suggestions are returned in an array	eg: ( [0] => stdClass Object ( [strDomainName] => domainlist.co.za [contactName] => Brian Smith [strContactID] => BS:51dfab6796a6e [status] => ok [eppStatus] => ok [strDns] => 1 [createdDate] => 1373605558 [expiryDate] => 1405141558 [autorenew] => 0 [externalRef] => VC12345 )
<b>intTotal</b>	int	The total amount of domains	eg: 1673
<b>intReturnedTotal</b>	int	The total amount of domains returned	eg: 850
<b>intFilterTotal</b>	int	The total amount of filtered domains returned	eg: 550

### Function Notes

- This function is used to retrieve a list of domains linked to registrar's account
- A default limit of 500 results are returned

## 4.1 Poll Totals

**POST URL** <https://api-v3.domains.co.za/api/domain/poll/pollTotals>

### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	

### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful
<b>arrTotals</b>	array	An array of the total poll messages broken down by message types	eg: ( [contact] => 23 [create] => 127 [delete] => 58708 [ns] => 152 [renew] => 73 [transfer] => 246 [update] => 30121 )
<b>intTotal</b>	int	The total number of poll messages returned	eg: 89450

### Function Notes

- This function is used to retrieve a overview of the total amount of poll messages in the registrar's message queue.

## 4.2 Poll Acknowledge

**POST URL** <https://api-v3.domains.co.za/api/domain/poll/ack>

### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>pollID</b>	string	Y	The poll ID of the message you would like to acknowledge	eg: 2609-1338798662

### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful

### Function Notes

- This function is used to retrieve make poll messages as "read".

## 4.3 Poll List

**POST URL** <https://api-v3.domains.co.za/api/domain/poll/pollList>

INPUT				
Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>filter</b>	string	O	Return all un-acknowledged nameserver related messages Return all un-acknowledged deletion related messages Return all un-acknowledged update related messages Return all un-acknowledged transfer related messages Return all un-acknowledged renewal related messages Return all un-acknowledged contact update related messages Return all un-acknowledged domain release related messages Return all un-acknowledged unknown related messages	opt: 'ns' opt: 'delete' opt: 'update' opt: 'transfer' opt: 'renew' opt: 'contact' opt: 'release' opt: 'unknown'
<b>limit</b>	int	O	Limit the amount of results returned	eg: 200
<b>startPoint</b>	int	O	Set the starting point of the list	eg: 150
<b>order</b>	string	O	What order the results should be returned in	opt: 'ascending' 'descending'
<b>search</b>	string	O	Search the message queue for messages relating to the search string	eg: mydomain.co.za
<b>acked</b>	string	O	Return messages which have already been acknowledged	opt: 'true' or 'false' or 'both' (false by default)

RETURN			
Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful
<b>arrMessages</b>	array	An array of the poll message	eg: 'id' => 2609-1338798662, 'pollCode' => 4001, 'pollDomain' => "mydomain.co.za", 'pollMessage' => "Nameserver Check Failed", 'createDate' => 1338798662, 'ackDate' => null, pollMessageType => "ns"
<b>intTotal</b>	int	The total number of poll messages returned	eg: 2045
<b>intReturnedTotal</b>	int	The number of returns returned	eg: 2500
<b>intFilterTotal</b>	int	The number of filtered results	eg: 1443

Function Notes
<ul style="list-style-type: none"> <li>A full list of Poll Codes can be found here in the Introduction.</li> <li>This function is used to retrieve the messages in the poll queue.</li> <li>By Default all un-acknowledged poll messages are returned.</li> <li>the 'id' in the returned arrMessages is used in the pollAck function to acknowledge the message (make as read)</li> </ul>

5.1 Reseller Information

POST URL	https://api-v3.domains.co.za/api/domain/reseller/info
----------	---

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
username	string	Y	The username of the reseller	eg: johnuser

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
intId	int	The internal reseller ID on the platform	eg: 2
strCompany	string	The Resellers Company	eg: Test Company
strName	string	The Resellers Name	eg: John Smith
strEmail	string	The Resellers Email Address	eg: john@domains.co.za
strContactNumber	string	The Resellers phone number	eg: +27.116409700
strAddress1	string	The Resellers Address Line 1	eg: 1 Zuid Street
strAddress2	string	The Resellers Address Line 2	eg: Bagleyston
strCity	string	The Resellers City	eg: Johannesburg
strProvince	string	The Resellers Province / State	eg: Gauteng
strPostalCode	string	The Resellers Postal Code	eg: 2192
strCountry	string	The Resellers Country	eg: ZA
strCurrency	string	The Resellers Default Currency	eg: ZAR
strBalance	string	The Resellers current balance	eg: 354.13
intDomainsEnabled	int	Internal use - Account is able to resell domains	eg: 1
intAdslEnabled	int	Internal use - Account is able to resell ADSL	eg: 0
intNBM	int	Internal use - The Accounts billing model	eg: 1

Function Notes
<ul style="list-style-type: none"><li>The Reseller Information function is used to lookup all information on a specific reseller under your account.</li></ul>

## 5.2 Reseller List

**POST URL** | <https://api-v3.domains.co.za/api/domain/reseller/resellerList>

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
arrResellerList	array	An array containing all resellers under your account	eg: ( [0] => stdClass Object ( [strUsername] => diatest [strFirstName] => Wayne [strLastName] => Smith [strCompany] => Domains Test Reseller [intTotalDomains] => 7 [fltBalance] => 200.50 ) [1] => stdClass Object ( [strUsername] => jdoe [strFirstName] => John [strLastName] => Doe [strCompany] => John Doe [intTotalDomains] => 2 [fltBalance] => 200.50 ) )

Function Notes
<ul style="list-style-type: none"><li>The Reseller List function will return a list of all resellers under a registrars account, including how many domains the reseller has.</li></ul>

5.3 Reseller Prices

POST URL https://api-v3.domains.co.za/api/domain/reseller/prices

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
username	string	Y	The Resellers username	eg: johnuser
currency	string	O	Will convert prices into a specific currency	eg: ZAR

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
arrPrices	array	An array containing all reseller pricing including their domain quantity breakage limits.	eg: [arrPrices] => Array ( [0] => stdClass Object ( [name] => BIZ [currency] => USD [registration] => 7.44 [renewal] => 7.44 [transfer] => 7.44 [redemption] => 7.44 )  [1] => stdClass Object ( [name] => CO.ZA [currency] => ZAR [registration] => 50.00 [renewal] => 50.00 [transfer] => 50.00 [redemption] => 250.00 ) ..... ..... ) )

Function Notes
<ul style="list-style-type: none"><li>The Reseller Prices function returns the pricing set for a specific reseller, including the domain quantity price breaks for 1000,2500,5000,7500,10000 and 15000 domains.</li></ul>

5.4 Reseller Get Prices

POST URL https://api-v3.domains.co.za/api/domain/reseller/getPrices

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
username	string	Y	The Resellers username	eg: johnuser
currency	string	O	Will convert prices into a specific currency	eg: ZAR

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
arrPrices	array	An array containing all reseller pricing including their domain quantity breakage limits.	eg: [ arrPrices ]=> Array ( [0] => stdClass Object ( [name] => BIZ [currency] => USD [registration] => 7.44 [renewal] => 7.44 [transfer] => 7.44 [redemption] => 7.44 )  [1] => stdClass Object ( [name] => CO.ZA [currency] => ZAR [registration] => 50.00 [renewal] => 50.00 [transfer] => 50.00 [redemption] => 50.00 ) ..... ..... )

Function Notes
<ul style="list-style-type: none"><li>The Reseller Get Prices function is used to get a users current pricing for each TLD.</li></ul>

5.5 Reseller Set Prices

POST URL https://api-v3.domains.co.za/api/domain/reseller/setPrices

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
username	string	Y	The Resellers username	eg: johnuser
currency	string	Y	The current the pricing is set against	eg: USD or ZAR
tld	string	Y	The TLD the pricing applies too	eg: com



registration	string	Y	The cost for the registration of a TLD	eg: 10.98
renewal	string	O	The cost for the renewal of a TLD	eg: 10.80
transfer	string	O	The cost for the transfer of a TLD	eg: 10.70
redemption	string	O	The cost for the redemption recovery of a TLD	eg: 10.40

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful

Function Notes
<ul style="list-style-type: none"><li>The Reseller set prices allows you to specify what pricing your reseller will be charged for a specific TLD.</li><li>If only cost is passed, then all pricing breaks will be set to the same value.</li></ul>

5.6 Reseller Add Credit

POST URL	<a href="https://api-v3.domains.co.za/api/domain/reseller/addCredit">https://api-v3.domains.co.za/api/domain/reseller/addCredit</a>
----------	---

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
username	string	Y	The Resellers username	eg: johnuser
value	string	Y	The value of credit to be added to the users account	eg: 2500

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
fltCredits	Float	The new reseller balance after the credits have been added.	eg: 2874.23

Function Notes
<ul style="list-style-type: none"><li>The Reseller Add credit function allows your to add credits to the resellers account.</li></ul>

### 5.7 Reseller Remove Credits

**POST URL** `https://api-v3.domains.co.za/api/domain/reseller/removeCredit`

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
username	string	Y	The Resellers username	eg: johnuser
value	string	Y	The value of credit to be added to the users account	eg: 2500

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
fltCredits	float	The new reseller balance after the credits have been added.	eg: 2874.23

Function Notes	
<ul style="list-style-type: none"><li>The Reseller remove credit function allows your to remove credits to the resellers account.</li><li>When a reseller registers or transfers domains, credits will be automatically deducted, this function is available in case credits need to be removed for administration purposes.</li></ul>	

5.8 View Email Notifications

POST URL https://api-v3.domains.co.za/api/domain/reseller/notifications

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
arrNotifications	array	An array containing all notifications and their current status.	eg: stdClass Object ( [intReturnCode] => 1 [arrNotifications] => Array ( [0] => stdClass Object ( [code] => contactUpdates [name] => Contact Updates [status] => On ) [1] => stdClass Object ( [code] => nsSuccess [name] => Nameserver Updates Successful [status] => On ) [2] => stdClass Object ( [code] => domainUpdates [name] => Domain Updates [status] => On ) [3] => stdClass Object ( [code] => domainRenewals [name] => Domain Renewals [status] => Off ) [4] => stdClass Object ( [code] => domainTransfers [name] => Domain Transfers [status] => On ) ..... ..... ..... ) [strMessage] => Successful ) )

Function Notes
<ul style="list-style-type: none"><li>This function will return all email notifications which are available in the system including their status as to whether they are switched On or Off</li></ul>

5.9 Set Email Notifications

POST URL	https://api-v3.domains.co.za/api/domain/reseller/setNotifications
----------	---

INPUT

Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
contactUpdates	string	O	Switch the contact update notifications on or off	opt: On or Off
nsSuccess	string	O	Switch the successful nameserver update notifications on or off	opt: On or Off
nsFailed	string	O	Switch the failed nameserver update notifications on or off	opt: On or Off
domainUpdates	string	O	Switch the domain update notifications on or off	opt: On or Off
domainRenewals	string	O	Switch the domain renewal notifications on or off	opt: On or Off
domainTransfers	string	O	Switch the domain transfer notifications on or off	opt: On or Off
domainDeletes	string	O	Switch the domain deletion notifications on or off	opt: On or Off
domainCreates	string	O	Switch the domain creation notifications on or off	opt: On or Off

RETURN

Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful

Function Notes

- This function allows you to switch on or off email notifications for specific domain events.

6.1 Domain Statistics

POST URL https://api-v3.domains.co.za/api/domain/report/domainStats

INPUT				
Parameter	Type	Req	Description	Value
key	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
period	int	O	Period of months to report	eg: 12 (default is 6 months)
order	string	O	Change the order of the results returned	opt: 'ascending' opt: 'descending'

RETURN			
Parameter	Type	Description	Value
intReturnCode	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
strMessage	string	Description of the transaction status	eg: Successful
arrDomainStats	array	An array of the domain statistics for the last 6 months	eg: ( [0] => stdClass Object ( [year] => 2013 [month] => 6 [reg] => 194 [delete] => 16 [renew] => 115 [transin] => 92 [transout] => 14 ) [1] => stdClass Object ( [year] => 2013 [month] => 5 [reg] => 331 [delete] => 32 [renew] => 146 [transin] => 163 [transout] => 70 ) [2] => stdClass Object ( [year] => 2013 [month] => 4 [reg] => 232 [delete] => 19 [renew] => 43 [transin] => 57 [transout] => 19 ) ..... ..... ..... ) )

Function Notes
<ul style="list-style-type: none"><li>This function is used to retrieve domain statistics for the last 6 months of how many domains have been registered, deleted, renewed, transferred in and transferred out.</li></ul>

## 7.1 DNS Create Domain

**POST URL** `https://api-v3.domains.co.za/api/domain/dns/create`

### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be added to Premium DNS	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain	eg: co.za

### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful

### Function Notes

- This function is used to add a registered domain to the Premium DNS system.
- The domain must exist on the Domains.co.za platform.
- The Premium DNS Service is actived on your account when this command is run.

## 7.2 DNS Delete Domain

**POST URL** `https://api-v3.domains.co.za/api/domain/dns/delete`

### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be added to Premium DNS	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain	eg: co.za

### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful

### Function Notes

- This function is used to remove a registered domain from the Premium DNS system.

## 7.3 DNS Update Type

**POST URL** <https://api-v3.domains.co.za/api/domain/dns/updateType>

### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be added to Premium DNS	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain	eg: co.za
<b>type</b>	string	Y	Switch the domain to be a master zone Switch the domain to be a slave zone	opt: 'master' opt: 'slave'
<b>masterip</b>	string	O*	The IP Address of the master server if the zone is switched to slave	eg: 41.76.104.5

### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful

### Function Notes

- This function is used toggle the DNS zone from master to slave.
- The 'masterip' can be either ipv4 or ipv6
- If the zone is set to slave, ensure that your master allows AXFR transfers to dns.domains.co.za and the tld-ns.net & tld-ns.com nameservers.

## 7.4 DNS Save Records

**POST URL** <https://api-v3.domains.co.za/api/domain/dns/updateRecords>

### INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be added to Premium DNS	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain	eg: co.za
<b>name[int]</b>	string	Y	The record name including the record number in the array	eg: www.mydomain.co.za
<b>type[int]</b>	string	Y	The record type including the record number in the array	eg: CNAME
<b>content[int]</b>	string	Y	The record content including the record number in the array	eg: mydomain.co.za
<b>ttl[int]</b>	string	O	The record ttl including the record number in the array	eg: 14400 ( default )
<b>prio[int]</b>	string	O	The record prio including the record number in the array	eg: 10 (used for MX record types)

### RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Records added successfully

## Function Notes

- This function is used to save all the DNS records for a dns zone.
- The entire zone needs to be passed to this function as the entire zone is wiped and replaced with data sent in this call.
- Nameservers and SOA records are omitted from this request.
- When name is blank or only contains the prefix, the domain name is automatically added.
- Please refer to the [API Example : DNS Update Records](#) for an example of this function.

## 7.5 DNS Get Records

## POST URL

https://api-v3.domains.co.za/api/domain/dns/recordList

## INPUT

Parameter	Type	Req	Description	Value
<b>key</b>	string	Y	API Access Key (Refer to: <a href="#">Data Members</a> )	
<b>sld</b>	string	Y	The domain to be added to Premium DNS	eg: mydomain
<b>tld</b>	string	Y	The TLD extension for the domain	eg: co.za

## RETURN

Parameter	Type	Description	Value
<b>intReturnCode</b>	int	The transaction status (Refer to: <a href="#">Data Members</a> )	
<b>strMessage</b>	string	Description of the transaction status	eg: Successful
<b>arrRecords</b>	array	The array containing all records	eg: <pre> (   [0]=&gt;stdClass Object   (     [name]=&gt;mydomain.co.za     [type]=&gt;A     [content]=&gt;41.76.104.2     [ttl]=&gt;3600     [prio]=&gt;   )   [1]=&gt;stdClass Object   (     [name]=&gt;www.mydomain.co.za     [type]=&gt;CNAME     [content]=&gt;mydomain.co.za     [ttl]=&gt;3600     [prio]=&gt;   )   [2]=&gt;stdClass Object   (     [name]=&gt;mydomain.co.za     [type]=&gt;MX     [content]=&gt;mydomain.co.za     [ttl]=&gt;3600     [prio]=&gt;10   ) )</pre>

## Function Notes

- This function is used to retrieve all the DNS records for a dns zone.
- Nameservers and SOA records are omitted from the return.



# API Examples

## 8.1 PEAR HTTP\_Request2

<b>Requirements</b>	PHP 5.x with PEAR http_request2
---------------------	---------------------------------

### Example Request

```
require_once 'HTTP/Request2.php';

$url = "https://api-v3.domains.co.za/api/domain/domain/create/";
$key = "444616faa4c4410613bb5721931829d3";
$config = array('ssl_verify_peer' => false,
               'ssl_verify_host' => true,
               'ssl_cafile' => null,
               'ssl_capath' => null,
               'ssl_local_cert' => null,
               'ssl_passphrase' => null,
               );

$req = new HTTP_Request2($url, HTTP_Request2::METHOD_POST);
$req->setConfig($config);
$req->addPostParameter('key', $key);
$req->addPostParameter('sld', "mydomain");
$req->addPostParameter('tld', "co.za");
$req->addPostParameter('registrantName', 'Registrant Name');
$req->addPostParameter('registrantEmail', 'email@address.co.za');
$req->addPostParameter('registrantContactNumber', '+27.116409700');
$req->addPostParameter('registrantAddress1', '48 Address Line1');
$req->addPostParameter('registrantAddress2', 'Address Line2');
$req->addPostParameter('registrantCity', 'City Name');
$req->addPostParameter('registrantProvince', 'Province');
$req->addPostParameter('registrantPostalCode', '12345');
$req->addPostParameter('registrantCountry', 'ZA');
$req->addPostParameter('ns1', "ns1.tld-ns.com");
$req->addPostParameter('ns2', "ns2.tld-ns.net");
$req->addPostParameter('ns3', "ns3.tld-ns.com");
$req->addPostParameter('ns4', "ns4.tld-ns.net");

$response = $req->send();
```

### Example Return

```
$readable = json_decode($response->getBody());

if ($readable->intReturnCode == 1) {
    echo "Domain $readable->strDomainName has been successfully registered";
}
```

### Additional Notes

- The return is a json encoded return which will need to be decoded.

## 8.2 PHP Curl

### Requirements

PHP 5.x with Curl Support

### Example Request

```
$fields = array();
$fields['key'] = urlencode("444616faa4c4410613bb5721931829d3");
$fields['sld'] = urlencode("mydomain");
$fields['tld'] = urlencode("co.za");

$result = curl_download("https://api-v3.domains.co.za/api/domain/domain/info", $fields);

function curl_download($Url, $fields = null) {
    $fields_string = null;
    // is cURL installed yet?
    if (!function_exists('curl_init')) {
        die('Sorry cURL is not installed!');
    }

    // create a new cURL resource handle
    $ch = curl_init();
    if (!empty($fields)) {
        //url-ify the data for the POST
        foreach($fields as $key=>$value) {
            if (is_array($value)) {
                foreach($value as $value2) {
                    if (!is_null($value2)) {
                        $fields_string .= $key.'='.$value2.'&';
                    }
                }
            } else {
                if (!is_null($value)) {
                    $fields_string .= $key.'='.$value.'&';
                }
            }
        }
        rtrim($fields_string, '&');

        //set the number of POST vars, POST data
        curl_setopt($ch,CURLOPT_POST,1);
        curl_setopt($ch,CURLOPT_POSTFIELDS,$fields_string);
    }

    // Set URL to download
    curl_setopt($ch, CURLOPT_URL, $Url);

    // stop the verification of certificate
    curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, FALSE);

    // Set a referer
    curl_setopt($ch, CURLOPT_REFERER, "http://www.yoururl.co.za/curl.htm");

    // User agent
    curl_setopt($ch, CURLOPT_USERAGENT, "MozillaXYZ/2.0");

    // Include header in result? (0 = yes, 1 = no)
    curl_setopt($ch, CURLOPT_HEADER, 0);

    // Should cURL return or print out the data? (true = return, false = print)
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
}
```

```
// Timeout in seconds
curl_setopt($ch, CURLOPT_TIMEOUT, 30);

// Download the given URL, and return output
$output = curl_exec($ch);

// Close the cURL resource, and free system resources
curl_close($ch);

return $output;
}
```

#### Example Return

```
print_r($result);
```

#### Additional Notes

- The return is a json encoded return which will need to be decoded.

## 8.3 DNS Update Records

### Requirements

PHP 5.x with PEAR http\_request2

### Example Request

```
require_once 'HTTP/Request2.php';

// Setup the request
$url = "https://api-v3.domains.co.za/api/domain/dns/updateRecords/";
$key = "444616faa4c4410613bb5721931829d3";
$config = array('ssl_verify_peer' => false,
                'ssl_verify_host' => true,
                'ssl_cacfile' => null,
                'ssl_capath' => null,
                'ssl_local_cert' => null,
                'ssl_passphrase' => null,
                );

$req = new HTTP_Request2($url, HTTP_Request2::METHOD_POST);
$req->setConfig($config);
$req->addPostParameter('key', $key);
$req->addPostParameter('sld', "mydomain");
$req->addPostParameter('tld', "co.za");

// The array of records
$records = array( array( "name" => "www",
                        "type" => "CNAME",
                        "content" => "mydomain.co.za"),
                  array( "name" => "",
                        "type" => "A",
                        "content" => "41.76.104.5"),
                  array( "name" => "mail",
                        "type" => "A",
                        "content" => "41.76.104.22"),
                  array( "name" => "",
                        "type" => "MX",
                        "content" => "mail.mydomain.co.za",
                        "ttl" => "28800",
                        "prio" => "10"));

// Build the request for each element in the array

$c = 0;
foreach($records as $rec) {
    $c++;
    $name = "name" . $c;
    $type = "type" . $c;
    $content = "content" . $c;
    $ttl = "ttl" . $c;
    $prio = "prio" . $c;

    $req->addPostParameter($name, $rec['name']);
    $req->addPostParameter($type, $rec['type']);
    $req->addPostParameter($content, $rec['content']);
    $req->addPostParameter($ttl, $rec['ttl']);
    $req->addPostParameter($prio, $rec['prio']);
}

$response = $req->send();
```

**An example of the Post Parameters**

```
[postParams:protected] => Array
(
    [key] => 444616faa4c4410613bb5721931829d3
    [sld] => mydomain
    [tld] => co.za
    [name1] => www
    [type1] => CNAME
    [content1] => mydomain.co.za
    [ttl1] =>
    [prio1] =>
    [name2] =>
    [type2] => A
    [content2] => 41.76.104.5
    [ttl2] =>
    [prio2] =>
    [name3] => mail
    [type3] => A
    [content3] => 41.76.104.22
    [ttl3] =>
    [prio3] =>
    [name4] =>
    [type4] => MX
    [content4] => mail.mydomain.co.za
    [ttl4] => 28800
    [prio4] => 10
)
```

**Additional Notes**

- The entire zone is wiped and replaced by what is sent in this request.
- Nameservers and SOA records are omitted from this request.
- When name is blank or only contains the prefix, the domain name is automatically added.

## 8.4 Nameserver Host Records

### Requirements

PHP 5.x with PEAR http\_request2

### Example Request

```
require_once 'HTTP/Request2.php';

// Setup the request
$url = "https://api-v3.domains.co.za/api/domain/domain/setHost/";
$key = "444616faa4c4410613bb5721931829d3";
$config = array('ssl_verify_peer' => false,
               'ssl_verify_host' => true,
               'ssl_cacfile' => null,
               'ssl_capath' => null,
               'ssl_local_cert' => null,
               'ssl_passphrase' => null,
               );

$req = new HTTP_Request2($url, HTTP_Request2::METHOD_POST);
$req->setConfig($config);
$req->addPostParameter('key', $key);
$req->addPostParameter('sld', "mydomain");
$req->addPostParameter('tld', "com");
$req->addPostParameter('host', "ns1.mydomain.com");

// IPV4 records for the ns1.mydomain.com host
$req->addPostParameter('host1-ip4', "41.76.104.100");
$req->addPostParameter('host2-ip4', "41.222.33.100");
$req->addPostParameter('host3-ip4', "77.75.120.60");

// IPV6 records for the ns1.mydomain.com host
$req->addPostParameter('host1-ip6', "2c0f:f850:dc04:a::100");
$req->addPostParameter('host2-ip6', "2c0f:f850:dc03:a::100");

$response = $req->send();
```

### An example of the Post Parameters

```
[postParams:protected] => Array
(
    [key] => 444616faa4c4410613bb5721931829d3
    [sld] => mydomain
    [tld] => com
    [host] => ns1.mydomain.com
    [host1-ip4] => 41.76.104.100
    [host2-ip4] => 41.222.33.100
    [host3-ip4] => 77.75.120.60
    [host1-ip6] => 2c0f:f850:dc04:a::100
    [host2-ip6] => 2c0f:f850:dc03:a::100
)
```

### Additional Notes

- Each time the setHost the entire host is re-written.