

API Module - DNS

DNS Server Control

ProVision's APIv1 system has been replaced by APIv2, and is now considered deprecated.

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get	
URL	/api/v1/api.php?target=dnsServer&action=get
Description	If provided with an id, fetches that DNS Server from the database. If not, fetches a list of all stored DNS Servers

Returns

Examples:

SUCCESSFUL:	{ "success":1, "message":"Fetch Sucessful.", "data":{"id":"10", "server":"mrbomasm-dns-4.onnet.net", "username":"user", "password":"vwvddp", "port":"2600", "customer_name":null, "transfer_type": "SCP", "remote_directory":"zones", "named_conf_path":"Vetc/zones", "active":"1", "post_command":null, "pre_command":null, "dyn_DNSSEC_contact":null, "powerdns_backend":"Bind", "db_username":null, "db_password":"(", "db_port":null, "db_name":null, "server_type":"slave", "SOA":null, "master_id":null, "options": "{ \"customer_name\": \"\\\\\"\", \"server_type\": \"slave\\\\\"\", \"SOA\": \"\\\\\"\", \"remote_directory\": \"zones\\\\\"\", \"named_conf_path\": \"\\\\\\\\Vetc\\\\\\\\zones\\\\\"\", \"dyn_DNSSEC_contact\": \"\\\\\"\", \"post_command\": \"\\\\\"\", \"pre_command\": \"\\\\\"\", \"powerdns_backend\": \"Bind\\\\\"\", \"db_username\": \"\\\\\"\", \"db_password\": \"(\\\\\"\", \"db_name\": \"\\\\\"\", \"enable_views\": \"1\\\\\"\", \"testID\": \"963\", \"zoneCount\": \"8\", \"views\": \"[{ \"id\": \"1\\\\\"\", \"server_id\": \"10\\\\\"\", \"name\": \"_6connectDefault\\\\\"\", \"extras\": \"[]\\\\\"\", \"description\": \"\\\\\"\", \"timestamp\": \"1371789181\\\\\"\", { \"id\": \"3\\\\\"\", \"server_id\": \"10\\\\\"\", \"name\": \"internal\\\\\"\", \"extras\": \"[]\\\\\"\", \"description\": null, \"timestamp\": \"1374686650\\\\\"\" }] }\"}}
ERROR:	{ "success":0, "message":"error message"}

Data Detail:

Name	Type	Description
id	INTEGER	Server ID
server	STRING	Server Name
username	STRING	Login Name
password	CRYPT	Login Password
port	INTEGER	Port the Server listens on
zoneCount	INTEGER	The number of zones attached to this server.
options	JSON	The options entry is a JSON-encoded string containing a variety of server-specific configuration options. This string will vary widely by server type and configuration. The following are a selection of common settings.
transfer_type	STRING	Protocol used for transfer of DNS zones and records. Valid settings include SCP, PowerDNS, Secure64, Secure64Signer
server_type	STRING	Whether this server is a master or a slave server
SOA	STRING	The SOA entry to be used for zones on this server
remote_directory	STRING	The directory where SCP will place the zone files.
named_conf_path	STRING	The path to the zone files used within the named.conf file.
pre_command	STRING	The command executed on the server before the zones are transferred
post_command	STRING	The command executed on the server after the transfer is complete
enable_views	INTEGER	Whether or not Views are enabled
views	JSON	The views entry is a JSON-encoded string containing all the information about the Views attached to this server, if any exist.
id	INTEGER	The View ID
server_id	INTEGER	The ID of the server the View is attached to
name	STRING	The name of the View
description	STRING	A description of the View
timestamp	INTEGER	The UNIX timestamp of when the view was created.
extras	JSON	A JSON-encoded array of the extra attributes printed out in the view definition in the config file.

Required Parameters	None			
Optional Parameters				
	Name	Type	Example	Description
	id	INTEGER	15	The server id to fetch.
Example URL	/api/v1/api.php?target=dnsServer&action=get&id=15			

add

URL	/api/v1/api.php?target=dnsServer&action=add						
Description	Adds a new DNS Server						
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td>{ "success":1, "message": "Add Successful." }</td></tr><tr><td>ERROR:</td><td>{ "success":0, "message": "error message" }</td></tr></table>			SUCCESSFUL:	{ "success":1, "message": "Add Successful." }	ERROR:	{ "success":0, "message": "error message" }
SUCCESSFUL:	{ "success":1, "message": "Add Successful." }						
ERROR:	{ "success":0, "message": "error message" }						
Required Parameters							
	Name	Type	Example	Description			
	server	STRING	dns.yourdomain.com	IP or FQDN of the DNS Server			
	password	STRING	password1	Login password for Server			
	transferType	STRING	SCP	Protocol used for transfer of DNS zones and records. Valid settings include SCP, PowerDNS, Secure64, Secure64Signer			
	serverType	STRING	Master	Values are 'Master' or 'Slave' only			
	displayName	STRING	Primary NS	The name displayed representing the DNS server, can be the same as server or different			
	SOA	STRING	ns1.6connect.com. hostmaster.6connect.com.	Server of Authority record for DNS server			

Optional Parameters	These optional parameters vary according to what type of server is being configured.			
	Name	Type	Example	Description
	customerName	STRING	/tmp/zones	Customer Name
	remoteDirectory	STRING	/tmp/zones	Zone Directory on Server
	port	INTEGER	22	Port for ssh or scp access to server
	namedConfPath	STRING	/tmp	The path to the zone files used within the named.conf file.
	preCommand	STRING	/path/to/stuff /precommand	Command to execute before zone transfer
	postCommand	STRING	/path/to/stuff /postcommand	Command to execute after zone transfer
	DNSSECContact	STRING	joeuser	For use with Dyn dns service
	username	STRING	bobuser	Login name for Server
	active	INTEGER	0	Values 0 or 1 only, sets the server to inactive on 0 value
	masterId	INTEGER	53	Master server ID. If a server is a slave, masterId points to its master.
	powerDNSBackend	STRING	Bind or MySQL	pDNS server backend type
	dbDatabaseName	STRING	pdns_1	DB name for pDNS servers with MySQL powerDNSBackend type
	dbPort	INTEGER	3306	Port for for pDNS servers with MySQL powerDNSBackend type
	dbUsername	STRING	someuser	DB username for pDNS servers with MySQL powerDNSBackend type
	dbPassword	STRING	somepass	DB password for pDNS servers with MySQL powerDNSBackend type
Example URL	/api/v1/api.php?target=dnsServer&action=add&server=dns.yourdomain.com&transferType=Secure64&displayName=PrimaryNS&serverType=master&password=password1&SOA=ns1.6connect.com.+hostmaster.6connect.com.			

delete

URL	/api/v1/api.php?target=dnsServer&action=delete										
Description	Deletes a DNS Server										
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td colspan="3">{ "success":1,"message":"Delete Successful." }</td></tr><tr><td>ERROR:</td><td colspan="3">{ "success":0, "message":"error message" }</td></tr></table>			SUCCESSFUL:	{ "success":1,"message":"Delete Successful." }			ERROR:	{ "success":0, "message":"error message" }		
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ERROR:	{ "success":0, "message":"error message" }										
Required Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>id</td><td>INTEGER</td><td>5</td><td>ID of server to delete</td></tr></table>			Name	Type	Example	Description	id	INTEGER	5	ID of server to delete
Name	Type	Example	Description								
id	INTEGER	5	ID of server to delete								
Optional Parameters	None										
Example URL	/api/v1/api.php?target=dnsServer&action=delete&id=5										

update

URL	/api/v1/api.php?target=dnsServer&action=update
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Description	Updates an existing DNS Server with new information.																																																																																			
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td>{ "success":1,"message":"Update Successful." }</td></tr><tr><td>ERROR:</td><td>{ "success":0, "message":"error message" }</td></tr></table>				SUCCESSFUL:	{ "success":1,"message":"Update Successful." }	ERROR:	{ "success":0, "message":"error message" }																																																																												
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username	STRING	bobuser	Login name for Server																																																																																	
Example URL	/api.php?target=dnsServer&action=update&id=74&transferType=SCP&server=dns.yourdomain.com&SOA=ns1.6connect.com.+hostmaster.6connect.com.																																																																																			

transferServer

URL	/api/v1/api.php?target=dnsServer&action=transferServer											
Description	Performs a full zone push on a DNS Server, executing pre and post commands, transferring files, and restarting services.											
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td colspan="3">{ "success":1, "message": "Transfer Successful." }</td></tr><tr><td>ERROR:</td><td colspan="3">{ "success":0, "message": "error message" }</td></tr></table>				SUCCESSFUL:	{ "success":1, "message": "Transfer Successful." }			ERROR:	{ "success":0, "message": "error message" }		
SUCCESSFUL:	{ "success":1, "message": "Transfer Successful." }											
ERROR:	{ "success":0, "message": "error message" }											
Required Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>push</td><td>INTEGER</td><td>1</td><td>The ID of the server to push zones to</td></tr></table>				Name	Type	Example	Description	push	INTEGER	1	The ID of the server to push zones to
Name	Type	Example	Description									
push	INTEGER	1	The ID of the server to push zones to									
Optional Parameters	None											
Example URL	/api/v1/api.php?target=dnsServer&action=transferServer&push=1											

transferSingle

URL	/api/v1/api.php?target=dnsServer&action=transferSingle											
Description	Transfers a single Zone file to all its associated DNS Servers, along with updated server configurations. Performs pre and post commands on the target servers, transfers the zone file(s), and restarts services.											
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td colspan="3">{ "success":1, "message":"Updated Zone: \$name.zone on \$server via SCP" }</td></tr><tr><td>ERROR:</td><td colspan="3">{ "success":0, "message":"error message" }</td></tr></table>				SUCCESSFUL:	{ "success":1, "message":"Updated Zone: \$name.zone on \$server via SCP" }			ERROR:	{ "success":0, "message":"error message" }		
SUCCESSFUL:	{ "success":1, "message":"Updated Zone: \$name.zone on \$server via SCP" }											
ERROR:	{ "success":0, "message":"error message" }											
Required Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>zoneld</td><td>INTEGER</td><td>35</td><td>The ID of the zone to push</td></tr></table>				Name	Type	Example	Description	zoneld	INTEGER	35	The ID of the zone to push
Name	Type	Example	Description									
zoneld	INTEGER	35	The ID of the zone to push									
Optional Parameters	None											
Example URL	/api/v1/api.php?target=dnsServer&action=transferSingle&zoneld=35											

DNS Zone Control

get

URL	/api/v1/api.php?target=zone&action=get
Description	Accepts search criteria to retrieve a list of all matching DNS Zones and associated Records. Search can be performed on any combination of Zone and Record attributes.

Returns

Examples:

SUCCESSFUL:

{ "success":1,"message":"Search Successful.", "data":{"zoneId":"932", "zoneName":"185.160.209.in-addr.arpa", "zoneResourceId":"81", "zoneSerial":"2013040302", "zoneRefresh":"28800", "zoneRetry":"7200", "zoneExpire":"604800", "zoneMinimum":"86400", "zoneSOA":null, "zoneTTL":"28800", "zoneAutoCheck":"1", "zoneEnableDNSSEC":null, "recordId":"154110", "recordZoneId":"932", "recordHost": "185.160.209.inaddr.arpa.", "recordType":"NS", "recordValue":"auth01.verosity.net.", "recordDescription":null, "recordTTL":"28800", "recordOrdering":"1", "recordErrors":null, "assetId":"0", "userCanCreate":0, "userCanDelete":1, "userCanUpdate":1}}

ERROR:

{ "success":0, "message":"error message"}

Data Detail:

Name	Type	Description
zoneId	INTEGER	The Id of the Zone entry. A single Zone entry might have multiple Records.
zoneName	STRING	The Zone name.
zoneResourceId	INTEGER	The resource Id associated with this Zone.
zoneSerial	INTEGER	Zone Serial.
zoneRefresh	INTEGER	Zone Refresh.
zoneRetry	INTEGER	Zone Retry.
zoneExpire	INTEGER	Zone Expire.
zoneMinimum	INTEGER	Zone Minimum.
zoneSOA	STRING	Zone SOA.
zoneTTL	STRING	Zone TTL.
zoneEnableDNSSEC	BOOL	Whether or not DNSSEC is enabled for this Zone.
zoneAutoCheck	BOOL	Whether or not this zone is configured to be automatically validated on load/edit.
recordId	INTEGER	The Id of this Record Entry. It is always included with its parent Zone.
recordHost	STRING	The Hostname of this Record.
recordType	STRING	The Record Type (MX,NS,A,PTR,etc)
recordValue	STRING	The Value of this Record.
recordDescription	STRING	A short description of this Record.
recordTTL	STRING	The TTL of this Record.
recordOrdering	INTEGER	The numerical order in which the record appears in the zone.
recordErrors	STRING	A string containing any detected problems with this record
userCanCreate	BOOL	Whether or not the user has DNS CREATE permissions on this zone's resource
userCanUpdate	BOOL	Whether or not the user has DNS UPDATE permissions on this zone's resource
userCanDelete	BOOI	Whether or not the user has DNS DELETE permissions on this zone's resource
unpagedRows	INTEGER	If pagination is used, this value will contain a total count of records had the pagination not been used.

Required Parameters

None

Optional Parameters

Name	Type	Example	Description
likeFlag	BOOL	1	When 1, string searches are done via LIKE with wildcards at both ends. When 0, strict comparison is used.
generalFlag	BOOL	1	When 1, searches over the provided parameters using OR. If 0 or omitted, uses AND.
selectCount	INTEGER	30	When supplied only returns the first X entries

Name	Type	Example	Description
zoneId	INTEGER	123	The Zone Id to search for.
zoneName	STRING	foo	The Zone Name to search for.
zoneResourceId	INTEGER	5	The Resource Id to search for.
zoneSerial	INTEGER	2012033001	The Zone Serial to search for.
zoneRefresh	INTEGER	36000	The Zone Refresh to search for.
zoneRetry	INTEGER	800	The Zone Retry to search for.
zoneExpire	INTEGER	6090000	The Zone Expire to search for.
zoneMinimum	INTEGER	10	The Zone Minimum to search for.
zoneSOA	STRING	200	The Zone SOA to search for.
zoneTTL	INTEGER	3600	The Zone TTL to search for.
zoneEnableDNSSEC	INTEGER	1	Search based on DNSSEC settings.
recordId	INTEGER	123	The Record Id to search for.
recordZoneId	INTEGER	123	The parent Zone to search for.
recordHost	STRING	@	The Record Host to search for.
recordType	STRING	NS	The Record Type to search for.
recordValue	STRING	ns1.dns.6connect.com.	The Record Value to search for.
recordDescription	STRING	Description	Search based on Record Description.
recordTTL	STRING	3600	The Record TTL to search for.

Example URL

/api/v1/api.php?target=zone&action=get&zoneId=123

search	
URL	/api/v1/api.php?target=zone&action=search
Description	Accepts search criteria to retrieve a list of all matching DNS Zones but NO associated Records. Search can be performed on any combination of Zone and Record attributes.

Returns	Examples:		
	SUCCESSFUL:	{ "success":1, "message":"Search Successful.", "data":[{"zoneId":"123", "zoneName":"foobs.net", "zoneResourceId":"483", "zoneIpver":null, "zoneMask":null, "zoneSerial":"2012121803", "zoneRefresh":null, "zoneRetry":null, "zoneExpire":null, "zoneMinimum":null, "zoneSOA":null, "zoneTTL":"3600", "zoneEnableDNSSEC":"1", "zoneLocalSigning":"1", "assetId":"0", "recordCount":"1", "unpagedRows":"215"}]}	
	ERROR:	{ "success":0, "message":"error message"}	
	Data Detail:		
	Name	Type	Description
	zoneId	INTEGER	The Id of the Zone entry. A single Zone entry might have multiple Records.
	zoneName	STRING	The Zone name.
	zoneResourceId	INTEGER	The resource Id associated with this Zone.
	zoneSerial	INTEGER	Zone Serial.
	zoneRefresh	INTEGER	Zone Refresh.
zoneRetry	INTEGER	Zone Retry.	
zoneExpire	INTEGER	Zone Expire.	
zoneMinimum	INTEGER	Zone Minimum.	
zoneSOA	STRING	Zone SOA.	
zoneTTL	STRING	Zone TTL.	
zoneEnableDNSSEC	BOOL	Whether or not DNSSEC is enabled for this Zone.	
zoneAutoCheck	BOOL	Whether or not this zone is configured to be automatically validated on load/edit.	
recordCount	INTEGER	How many records are associated with this zone.	
userCanCreate	BOOL	Whether or not the user has DNS CREATE permissions on this zone's resource	
userCanUpdate	BOOL	Whether or not the user has DNS UPDATE permissions on this zone's resource	
userCanDelete	BOOI	Whether or not the user has DNS DELETE permissions on this zone's resource	
unpagedRows	INTEGER	If pagination is used, this value will contain a total count of records had the pagination not been used.	
Required Parameters	None		

Optional Parameters

Name	Type	Example	Description
likeFlag	BOOL	1	When 1, string searches are done via LIKE with wildcards at both ends. When 0, strict comparison is used.
generalFlag	BOOL	1	When 1, searches over the provided parameters using OR. If 0 or omitted, uses AND.
selectCount	INTEGER	30	When supplied only returns the first X entries
selectOffset	INTEGER	10	When supplied, only returns entries after record X
sortArray	JSON	{"zoneName":"desc","zoneMask":"asc"}	A JSON-encoded object containing a list of columns to sort on and the direction in which to sort. Any API variable may be used for sorting. Valid sort directions are ASC and DESC.

Name	Type	Example	Description
zoneId	INTEGER	123	The Zone Id to search for.
zoneName	STRING	foo	The Zone Name to search for.
zoneResourceId	INTEGER	5	The Resource Id to search for.
zoneSerial	INTEGER	2012033001	The Zone Serial to search for.
zoneRefresh	INTEGER	36000	The Zone Refresh to search for.
zoneRetry	INTEGER	800	The Zone Retry to search for.
zoneExpire	INTEGER	6090000	The Zone Expire to search for.
zoneMinimum	INTEGER	10	The Zone Minimum to search for.
zoneSOA	STRING	200	The Zone SOA to search for.
zoneTTL	INTEGER	3600	The Zone TTL to search for.
zoneEnableDNSSEC	INTEGER	1	Search based on DNSSEC settings.
recordId	INTEGER	123	The Record Id to search for.
recordZoneId	INTEGER	123	The parent Zone to search for.
recordHost	STRING	@	The Record Host to search for.
recordType	STRING	NS	The Record Type to search for.
recordValue	STRING	ns1.dns.6connect.com.	The Record Value to search for.
recordDescription	STRING	Description	Search based on Record Description.
recordTTL	STRING	3600	The Record TTL to search for.

Example URL

/api/v1/api.php?target=zone&action=search&zoneId=123

update

URL	/api/v1/api.php?target=zone&action=update				
Description	First performs a search based on the submitted Zone and Record criteria, then performs an Update across those entries based on new values.				
Returns	Examples: <table> <tr> <td>SUCCESSFUL:</td><td>{"success":1,"message":"Update Successful."}</td></tr> <tr> <td>ERROR:</td><td>{"success":0, "message":"error message"}</td></tr> </table>	SUCCESSFUL:	{"success":1,"message":"Update Successful."}	ERROR:	{"success":0, "message":"error message"}
SUCCESSFUL:	{"success":1,"message":"Update Successful."}				
ERROR:	{"success":0, "message":"error message"}				

Required Parameters	None			
Optional Parameters				

Name	Type	Example	Description
updateZoneName	STRING	foo	The Zone name to replace into the searched rows.
updateZoneSerial	INTEGER	2012033001	The Zone Serial to replace into the searched rows.
updateZoneRefresh	INTEGER	36000	The Zone Refresh to replace into the searched rows.
updateZoneRetry	INTEGER	800	The Zone Retry to replace into the searched rows..
updateZoneExpire	INTEGER	6090000	The Zone Expire to replace into the searched rows.
updateZoneMinimum	INTEGER	10	The Zone Minimum to replace into the searched rows.
updateZoneSOA	STRING	200	The Zone SOA to replace into the searched rows.
updateZoneTTL	INTEGER	3600	The Zone TTL to replace into the searched rows.
updateZoneEnableDNSSEC	INTEGER	1	Update DNSSEC Settings.
updateRecordHost	STRING	@	The Record Host to replace into the searched rows.
updateRecordType	STRING	NS	The Record Type to replace into the searched rows.
updateRecordValue	STRING	ns1.dns. 6connect.com.	The Record Value to replace into the searched rows.
updateRecordDescription	STRING	Description	Update Record Descriptions.
updateRecordTTL	STRING	3600	The Record TTL to replace into the searched rows.
updateZoneAutoCheck	BOOL	1	Whether or not this zone is configured to be automatically validated on load/edit.

Name	Type	Example	Description
recordZoneId	INTEGER	123	The parent zone ID

Example URL /api/v1/api.php?target=zone&action=update&searchZoneId=123&updateZoneExpire=6090000

add

URL	/api/v1/api.php?target=zone&action=add										
Description	Adds a new DNS Zone.										
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td>{ "success":1, "message": "Add Successful.", "data":123 }</td></tr><tr><td>ERROR:</td><td>{ "success":0, "message": "error message" }</td></tr></table> Data Detail: <table><tr><th>Name</th><th>Type</th><th>Description</th></tr><tr><td>data</td><td>INTEGER</td><td>The Id of the new Zone entry.</td></tr></table>	SUCCESSFUL:	{ "success":1, "message": "Add Successful.", "data":123 }	ERROR:	{ "success":0, "message": "error message" }	Name	Type	Description	data	INTEGER	The Id of the new Zone entry.
SUCCESSFUL:	{ "success":1, "message": "Add Successful.", "data":123 }										
ERROR:	{ "success":0, "message": "error message" }										
Name	Type	Description									
data	INTEGER	The Id of the new Zone entry.									
Required Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>zoneName</td><td>STRING</td><td>254.221.67.in-addr.arpa</td><td>The name for the new Zone.</td></tr></table>	Name	Type	Example	Description	zoneName	STRING	254.221.67.in-addr.arpa	The name for the new Zone.		
Name	Type	Example	Description								
zoneName	STRING	254.221.67.in-addr.arpa	The name for the new Zone.								

Optional Parameters	Name	Type	Example	Description
	likeFlag	BOOL	1	When 1, string searches are done via LIKE with wildcards at both ends. When 0, strict comparison is used.
	zoneIpver	STRING	IPv6	The IP Version.
	zoneLocalSigning	BOOL	1	Whether or not this zone should be signed by the ProVision server when DNSSEC is enabled. If set to false, ProVision will deliver the zone unsigned to the DNS server and the signing / updating process should be triggered by the post-push command
	zoneSerial	INTEGER	2012033001	Serial for the new Zone.
	zoneRefresh	INTEGER	36000	Refresh for the new Zone.
	zoneRetry	INTEGER	800	Retry for the new Zone.
	zoneExpire	INTEGER	6090000	Expire for the new Zone.
	zoneMinimum	INTEGER	10	Minimum for the new Zone.
	zoneSOA	STRING	200	SOA for the new Zone.
	zoneTTL	STRING	3600	TTL for the new Zone.
	zoneEnableDNSSEC	INTEGER	1	Whether or not this new zone uses DNSSEC.
Example URL	/api/v1/api.php?target=zone&action=add&zoneName=254.221.67.in-addr.arpa&zoneSerial=2012033001			

delete

URL	/api/v1/api.php?target=zone&action=delete				
Description	Performs a search over the Zones and Records dataset and deletes all found Zones, plus all associated Records of those Zones.				
Returns	Examples: <table> <tr> <td>SUCCESSFUL:</td><td>{"success":1,"message":"Zones and Associated Records Deleted."}</td></tr> <tr> <td>ERROR:</td><td>{"success":0, "message":"error message"}</td></tr> </table>	SUCCESSFUL:	{"success":1,"message":"Zones and Associated Records Deleted."}	ERROR:	{"success":0, "message":"error message"}
SUCCESSFUL:	{"success":1,"message":"Zones and Associated Records Deleted."}				
ERROR:	{"success":0, "message":"error message"}				
Required Parameters	No specific parameter is required, however, one or more optional parameters must be used for a successful return				

Optional Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>deleteZoneId</td><td>INTEGER</td><td>123</td><td>The Zone Id to search for.</td></tr><tr><td>deleteZoneName</td><td>STRING</td><td>foo</td><td>The Zone Name to search for.</td></tr><tr><td>deleteZoneResourceId</td><td>INTEGER</td><td>5</td><td>The Resource Id to search for.</td></tr><tr><td>deleteZoneSerial</td><td>INTEGER</td><td>2012033001</td><td>The Zone Serial to search for.</td></tr><tr><td>deleteZoneRefresh</td><td>INTEGER</td><td>36000</td><td>The Zone Refresh to search for.</td></tr><tr><td>deleteZoneRetry</td><td>INTEGER</td><td>800</td><td>The Zone Retry to search for.</td></tr><tr><td>deleteZoneExpire</td><td>INTEGER</td><td>6090000</td><td>The Zone Expire to search for.</td></tr><tr><td>deleteZoneMinimum</td><td>INTEGER</td><td>10</td><td>The Zone Minimum to search for.</td></tr><tr><td>deleteZoneSOA</td><td>STRING</td><td>200</td><td>The Zone SOA to search for.</td></tr><tr><td>deleteZoneTTL</td><td>INTEGER</td><td>3600</td><td>The Zone TTL to search for.</td></tr><tr><td>deleteZoneEnableDNSSEC</td><td>INTEGER</td><td>1</td><td>Search based on DNSSEC settings.</td></tr><tr><td>deleteRecordId</td><td>INTEGER</td><td>123</td><td>The Record Id to search for.</td></tr><tr><td>deleteRecordHost</td><td>STRING</td><td>@</td><td>The Record Host to search for.</td></tr><tr><td>deleteRecordType</td><td>STRING</td><td>NS</td><td>The Record Type to search for.</td></tr><tr><td>deleteRecordValue</td><td>STRING</td><td>ns1.dns.6connect.com.</td><td>The Record Value to search for.</td></tr><tr><td>deleteRecordDescription</td><td>STRING</td><td>Description</td><td>Search based on Record Description.</td></tr><tr><td>deleteRecordTTL</td><td>STRING</td><td>3600</td><td>The Record TTL to search for.</td></tr><tr><td>deleteRecordZoneId</td><td>INTEGER</td><td>123</td><td>The parent zone ID</td></tr></table>	Name	Type	Example	Description	deleteZoneId	INTEGER	123	The Zone Id to search for.	deleteZoneName	STRING	foo	The Zone Name to search for.	deleteZoneResourceId	INTEGER	5	The Resource Id to search for.	deleteZoneSerial	INTEGER	2012033001	The Zone Serial to search for.	deleteZoneRefresh	INTEGER	36000	The Zone Refresh to search for.	deleteZoneRetry	INTEGER	800	The Zone Retry to search for.	deleteZoneExpire	INTEGER	6090000	The Zone Expire to search for.	deleteZoneMinimum	INTEGER	10	The Zone Minimum to search for.	deleteZoneSOA	STRING	200	The Zone SOA to search for.	deleteZoneTTL	INTEGER	3600	The Zone TTL to search for.	deleteZoneEnableDNSSEC	INTEGER	1	Search based on DNSSEC settings.	deleteRecordId	INTEGER	123	The Record Id to search for.	deleteRecordHost	STRING	@	The Record Host to search for.	deleteRecordType	STRING	NS	The Record Type to search for.	deleteRecordValue	STRING	ns1.dns.6connect.com.	The Record Value to search for.	deleteRecordDescription	STRING	Description	Search based on Record Description.	deleteRecordTTL	STRING	3600	The Record TTL to search for.	deleteRecordZoneId	INTEGER	123	The parent zone ID
	Name	Type	Example	Description																																																																									
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	deleteZoneName	STRING	foo	The Zone Name to search for.																																																																									
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	deleteRecordZoneId	INTEGER	123	The parent zone ID																																																																									
Example URL	/api/v1/api.php?target=zone&action=delete&deleteZoneId=123																																																																												

getRecordTypes

URL	/api/v1/api.php?target=zone&action=getRecordTypes										
Description	Returns a list of all Record Types allowed by the system.										
Returns	Examples:<table><tr><td>SUCCESSFUL:</td><td>{ "success":1, "message":"Search Successful.", "data":[{"recordType":"A"}, {"recordType":"AAAA"}, {"recordType":"MX"}, {"recordType":"CNAME"}, {"recordType":"PTRG"}, {"recordType":"NS"}, {"recordType":"TXT"}, {"recordType":"DNSKEY"}, {"recordType":"SRV"}, {"recordType":"DS"}, {"recordType":"TEST"}]}</td></tr><tr><td>ERROR:</td><td>{ "success":0, "message":"error message" }</td></tr></table> Data Detail:<table><tr><th>Name</th><th>Type</th><th>Description</th></tr><tr><td>recordType</td><td>STRING</td><td>A Record Type</td></tr></table>	SUCCESSFUL:	{ "success":1, "message":"Search Successful.", "data":[{"recordType":"A"}, {"recordType":"AAAA"}, {"recordType":"MX"}, {"recordType":"CNAME"}, {"recordType":"PTRG"}, {"recordType":"NS"}, {"recordType":"TXT"}, {"recordType":"DNSKEY"}, {"recordType":"SRV"}, {"recordType":"DS"}, {"recordType":"TEST"}]}	ERROR:	{ "success":0, "message":"error message" }	Name	Type	Description	recordType	STRING	A Record Type
SUCCESSFUL:	{ "success":1, "message":"Search Successful.", "data":[{"recordType":"A"}, {"recordType":"AAAA"}, {"recordType":"MX"}, {"recordType":"CNAME"}, {"recordType":"PTRG"}, {"recordType":"NS"}, {"recordType":"TXT"}, {"recordType":"DNSKEY"}, {"recordType":"SRV"}, {"recordType":"DS"}, {"recordType":"TEST"}]}										
ERROR:	{ "success":0, "message":"error message" }										
Name	Type	Description									
recordType	STRING	A Record Type									
Required Parameters	None										
Optional Parameters	None										
Example URL	/api/v1/api.php?target=zone&action=getRecordTypes										

getFile

URL	/api/v1/api.php?target=zone&action=getFile&zoneId=50																			
Description	Returns a fully written zone file. If one does not exist, returns false.																			
Returns	A Zone File																			
Required Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>zoneId</td><td>INTEGER</td><td>50</td><td>The Id of the zone to retrieve.</td></tr><tr><td>format</td><td>ENUMERATED</td><td>'html' or ''</td><td>If html, the zone file will be formatted for display via a web browser. If blank or omitted, the zone file will be formatted for display in a file system.</td></tr><tr><td>unsigned</td><td>BOOL</td><td>1</td><td>For a DNSSEC-enabled zone, determines whether or not the system retrieves the signed or unsigned zone file. Ignored for non-DNSSEC zones.</td></tr></table>				Name	Type	Example	Description	zoneId	INTEGER	50	The Id of the zone to retrieve.	format	ENUMERATED	'html' or ''	If html, the zone file will be formatted for display via a web browser. If blank or omitted, the zone file will be formatted for display in a file system.	unsigned	BOOL	1	For a DNSSEC-enabled zone, determines whether or not the system retrieves the signed or unsigned zone file. Ignored for non-DNSSEC zones.
	Name	Type	Example	Description																
	zoneId	INTEGER	50	The Id of the zone to retrieve.																
	format	ENUMERATED	'html' or ''	If html, the zone file will be formatted for display via a web browser. If blank or omitted, the zone file will be formatted for display in a file system.																
unsigned	BOOL	1	For a DNSSEC-enabled zone, determines whether or not the system retrieves the signed or unsigned zone file. Ignored for non-DNSSEC zones.																	
Optional Parameters	None																			
Example URL	/api/v1/api.php?target=zone&action=getFile&zoneId=50&zoneId=50&format=html&unsigned=1																			

getDSFile

URL	/api/v1/api.php?target=zone&action=getDSFile			
Description	Returns a fully written zone DS key file. If one does not exist, returns false.			
Returns	A Zone DS Key File			
Required Parameters				
	Name	Type	Example	Description
	zoneId	INTEGER	50	The Id of the zone whose DS keys are to be retrieved.
Optional Parameters	None			
Example URL	/api/v1/api.php?target=zone&action=getDSFile&zoneId=50			

checkZone

URL	/api/v1/api.php?target=zone&action=checkZone											
Description	Runs a zone file through Named checkzone											
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td>{ "success":1, "message": "No errors found." }</td></tr><tr><td>ERROR:</td><td>{ "success":0, "message": "21: ignoring out-of-zone data (veggie.com) 22: ignoring out-of-zone data (veggie.com) dns_rdata_fromtext: 23: near '2001:db8::': bad IPv6 address dns_rdata_fromtext: 24: near '1.2.3.': bad dotted quad dns_rdata_fromtext: 25: near '2001::db8::V32': bad IPv6 address " }</td></tr></table>				SUCCESSFUL:	{ "success":1, "message": "No errors found." }	ERROR:	{ "success":0, "message": "21: ignoring out-of-zone data (veggie.com) 22: ignoring out-of-zone data (veggie.com) dns_rdata_fromtext: 23: near '2001:db8::': bad IPv6 address dns_rdata_fromtext: 24: near '1.2.3.': bad dotted quad dns_rdata_fromtext: 25: near '2001::db8::V32': bad IPv6 address " }				
SUCCESSFUL:	{ "success":1, "message": "No errors found." }											
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Required Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>zoneId</td><td>INTEGER</td><td>50</td><td>The Id of the zone to check.</td></tr></table>				Name	Type	Example	Description	zoneId	INTEGER	50	The Id of the zone to check.
Name	Type	Example	Description									
zoneId	INTEGER	50	The Id of the zone to check.									
Optional Parameters	None											

Example URL	/api/v1/api.php?target=zone&action=checkZone&zoneId=50
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getArchivedZone

URL	/api/v1/api.php?target=zone&action=getArchivedZone																																																						
Description	Searches for all archived versions of the a zone. Zones are archived every time changes are pushed to their DNS Server.																																																						
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td>{ "success":1, "message": "Search Successful.", "data": [{ "zoneArchivedId" : "2768", "zoneId": "1227", "zoneArchiveTimestamp": "1375298692", "zoneArchiveFingerprint": "d060e59d69606326d80b2e55b50f0bc9", "zoneName": "6connect.com", "zoneIpver": null, "zoneMask": null, "zoneSerial": "2013073105", "zoneRefresh": "14400", "zoneRetry": "2000", "zoneExpire": "604800", "zoneMinimum": "3600", "zoneSOA": null, "zoneTTL": "3600", "zoneEnableDNSSEC": "1", "zoneResourceId": "1013", "zonePreviousViewLinkage": ""}] }</td></tr><tr><td>ERROR:</td><td>{ "success":0, "message": "error message" }</td></tr></table> Data Detail: <table><tr><th>Name</th><th>Type</th><th>Description</th></tr><tr><td>zoneId</td><td>INTEGER</td><td>The Id of the Zone entry to find archived versions of.</td></tr><tr><td>zoneArchivedId</td><td>INTEGER</td><td>The ID of the Archive Entry</td></tr><tr><td>zoneArchiveTimestamp</td><td>INTEGER</td><td>A timestamp marking when this zone was archived.</td></tr><tr><td>zoneArchiveFingerprint</td><td>STRING</td><td>A hash value identifying this zone. Used for comparing versions.</td></tr><tr><td>zoneName</td><td>INTEGER</td><td>Zone Name.</td></tr><tr><td>zoneSerial</td><td>INTEGER</td><td>Zone Serial.</td></tr><tr><td>zoneRefresh</td><td>INTEGER</td><td>Zone Refresh.</td></tr><tr><td>zoneRetry</td><td>INTEGER</td><td>Zone Retry.</td></tr><tr><td>zoneExpire</td><td>INTEGER</td><td>Zone Expire.</td></tr><tr><td>zoneMinimum</td><td>INTEGER</td><td>Zone Minimum.</td></tr><tr><td>zoneSOA</td><td>STRING</td><td>Zone SOA.</td></tr><tr><td>zoneTTL</td><td>INTEGER</td><td>Zone TTL.</td></tr><tr><td>zoneEnableDNSSEC</td><td>STRING</td><td>Whether or not this version had DNSSEC enabled.</td></tr><tr><td>zoneResourceId</td><td>STRING</td><td>Zone Resource ID</td></tr><tr><td>zonePreviousViewLinkage</td><td>JSON</td><td>A JSON-encoded array of views this zone was linked to.</td></tr></table>			SUCCESSFUL:	{ "success":1, "message": "Search Successful.", "data": [{ "zoneArchivedId" : "2768", "zoneId": "1227", "zoneArchiveTimestamp": "1375298692", "zoneArchiveFingerprint": "d060e59d69606326d80b2e55b50f0bc9", "zoneName": "6connect.com", "zoneIpver": null, "zoneMask": null, "zoneSerial": "2013073105", "zoneRefresh": "14400", "zoneRetry": "2000", "zoneExpire": "604800", "zoneMinimum": "3600", "zoneSOA": null, "zoneTTL": "3600", "zoneEnableDNSSEC": "1", "zoneResourceId": "1013", "zonePreviousViewLinkage": ""}] }	ERROR:	{ "success":0, "message": "error message" }	Name	Type	Description	zoneId	INTEGER	The Id of the Zone entry to find archived versions of.	zoneArchivedId	INTEGER	The ID of the Archive Entry	zoneArchiveTimestamp	INTEGER	A timestamp marking when this zone was archived.	zoneArchiveFingerprint	STRING	A hash value identifying this zone. Used for comparing versions.	zoneName	INTEGER	Zone Name.	zoneSerial	INTEGER	Zone Serial.	zoneRefresh	INTEGER	Zone Refresh.	zoneRetry	INTEGER	Zone Retry.	zoneExpire	INTEGER	Zone Expire.	zoneMinimum	INTEGER	Zone Minimum.	zoneSOA	STRING	Zone SOA.	zoneTTL	INTEGER	Zone TTL.	zoneEnableDNSSEC	STRING	Whether or not this version had DNSSEC enabled.	zoneResourceId	STRING	Zone Resource ID	zonePreviousViewLinkage	JSON	A JSON-encoded array of views this zone was linked to.
SUCCESSFUL:	{ "success":1, "message": "Search Successful.", "data": [{ "zoneArchivedId" : "2768", "zoneId": "1227", "zoneArchiveTimestamp": "1375298692", "zoneArchiveFingerprint": "d060e59d69606326d80b2e55b50f0bc9", "zoneName": "6connect.com", "zoneIpver": null, "zoneMask": null, "zoneSerial": "2013073105", "zoneRefresh": "14400", "zoneRetry": "2000", "zoneExpire": "604800", "zoneMinimum": "3600", "zoneSOA": null, "zoneTTL": "3600", "zoneEnableDNSSEC": "1", "zoneResourceId": "1013", "zonePreviousViewLinkage": ""}] }																																																						
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Required Parameters	None																																																						
Optional Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>zoneId</td><td>INTEGER</td><td>123</td><td>The Zone Id to search for.</td></tr><tr><td>zoneArchivedId</td><td>INTEGER</td><td>123</td><td>The Zone Archive Id</td></tr><tr><td>zoneArchiveTimestamp</td><td>INTEGER</td><td>2012033001</td><td>The Zone Archive Timestamp</td></tr><tr><td>fetchArchiveFile</td><td>BOOL</td><td>1</td><td>Whether or not to return the full Zone file with the result set..</td></tr></table>			Name	Type	Example	Description	zoneId	INTEGER	123	The Zone Id to search for.	zoneArchivedId	INTEGER	123	The Zone Archive Id	zoneArchiveTimestamp	INTEGER	2012033001	The Zone Archive Timestamp	fetchArchiveFile	BOOL	1	Whether or not to return the full Zone file with the result set..																																
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Example URL	/api/v1/api.php?target=zone&action=getArchivedZone&zonedId=123
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DNS Record Control

get

URL	/api/v1/api.php?target=record&action=get																												
Description	Accepts search criteria to retrieve a list of all matching DNS Records. Search can be performed on any combination of Zone and Record attributes.																												
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td>{ "success":1, "message":"Search Successful.", "data":[{"recordId":"30894","recordZonedId":"229","recordHost":"@", "recordType":"NS", "recordValue":"ns1.domain.com.", "recordDescription":"","recordTTL":""}] }</td></tr><tr><td>ERROR:</td><td>{ "success":0, "message":"error message" }</td></tr></table> Data Detail: <table><tr><th>Name</th><th>Type</th><th>Description</th></tr><tr><td>recordId</td><td>INTEGER</td><td>The ID of this Record Entry. It is always included with its parent Zone.</td></tr><tr><td>recordZonedId</td><td>INTEGER</td><td>The ID of this Record's parent Zone.</td></tr><tr><td>recordHost</td><td>STRING</td><td>The Hostname of this Record.</td></tr><tr><td>recordType</td><td>STRING</td><td>The Record Type (MX,NS,A,PTR,etc)</td></tr><tr><td>recordValue</td><td>STRING</td><td>The Value of this Record.</td></tr><tr><td>recordDescription</td><td>STRING</td><td>A short description of this Record.</td></tr><tr><td>recordTTL</td><td>STRING</td><td>The TTL of this Record.</td></tr></table>	SUCCESSFUL:	{ "success":1, "message":"Search Successful.", "data":[{"recordId":"30894","recordZonedId":"229","recordHost":"@", "recordType":"NS", "recordValue":"ns1.domain.com.", "recordDescription":"","recordTTL":""}] }	ERROR:	{ "success":0, "message":"error message" }	Name	Type	Description	recordId	INTEGER	The ID of this Record Entry. It is always included with its parent Zone.	recordZonedId	INTEGER	The ID of this Record's parent Zone.	recordHost	STRING	The Hostname of this Record.	recordType	STRING	The Record Type (MX,NS,A,PTR,etc)	recordValue	STRING	The Value of this Record.	recordDescription	STRING	A short description of this Record.	recordTTL	STRING	The TTL of this Record.
SUCCESSFUL:	{ "success":1, "message":"Search Successful.", "data":[{"recordId":"30894","recordZonedId":"229","recordHost":"@", "recordType":"NS", "recordValue":"ns1.domain.com.", "recordDescription":"","recordTTL":""}] }																												
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recordId	INTEGER	The ID of this Record Entry. It is always included with its parent Zone.																											
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recordValue	STRING	The Value of this Record.																											
recordDescription	STRING	A short description of this Record.																											
recordTTL	STRING	The TTL of this Record.																											
Required Parameters	None																												

Optional Parameters

Name	Type	Example	Description
likeFlag	BOOL	1	When 1, string searches are done via LIKE with wildcards at both ends. When 0, strict comparison is used.
selectCount	INTEGER	30	When supplied only returns the first X entries
selectOffset	INTEGER	10	When supplied, only returns entries after record X

Name	Type	Example	Description
recordId	INTEGER	123	The Record ID to search for.
recordZoneId	INTEGER	123	The parent Zone to search for.
recordHost	STRING	@	The Record Host to search for.
recordType	STRING	NS	The Record Type to search for.
recordValue	STRING	ns1.dns.6connect.com.	The Record Value to search for.
recordDescription	STRING	Description	Search based on Record Description.
recordTTL	STRING	3600	The Record TTL to search for.

Name	Type	Example	Description
zoneId	INTEGER	123	The Zone Id to search for.
zoneName	STRING	foo	The Zone Name to search for.
zoneResourceId	INTEGER	5	The Resource Id to search for.
zoneCustName	STRING	foo	The Customer Name to search for.
zoneIpver	STRING	IPv6	The IP Version to search for.
zoneSerial	INTEGER	2012033001	The Zone Serial to search for.
zoneRefresh	INTEGER	36000	The Zone Refresh to search for.
zoneRetry	INTEGER	800	The Zone Retry to search for.
zoneExpire	INTEGER	6090000	The Zone Expire to search for.
zoneMinimum	INTEGER	10	The Zone Minimum to search for.
zoneSOA	STRING	200	The Zone SOA to search for.
zoneTTL	INTEGER	3600	The Zone TTL to search for.
zoneEnableDNSSEC	INTEGER	1	Search based on DNSSEC settings.

Example URL

/api/v1/api.php?target=record&action=get&selectCount=30&zoneId=123

update	
URL	/api/v1/api.php?target=record&action=update
Description	First performs a search based on the submitted Zone and Record criteria, then performs an Update across those entries based on new values.

Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td colspan="3">{ "success":1, "message": "Update Successful." }</td></tr><tr><td>ERROR:</td><td colspan="3">{ "success":0, "message": "error message" }</td></tr></table>				SUCCESSFUL:	{ "success":1, "message": "Update Successful." }			ERROR:	{ "success":0, "message": "error message" }																																																																																						
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searchZoneResourceId	INTEGER	5	The Resource Id to search for.																																																																																													
searchRecordZoneId	INTEGER	123	The Zone ID of the Record to search for.																																																																																													

Name	Type	Example	Description
updateZoneName	STRING	foo	The Zone name to replace into the searched rows.
updateZoneSerial	INTEGER	2012033001	The Zone Serial to replace into the searched rows.
updateZoneRefresh	INTEGER	36000	The Zone Refresh to replace into the searched rows.
updateZoneRetry	INTEGER	800	The Zone Retry to replace into the searched rows..
updateZoneExpire	INTEGER	6090000	The Zone Expire to replace into the searched rows.
updateZoneMinimum	INTEGER	10	The Zone Minimum to replace into the searched rows.
updateZoneSOA	STRING	200	The Zone SOA to replace into the searched rows.
updateZoneTTL	INTEGER	3600	The Zone TTL to replace into the searched rows.
updateZoneEnableDNSSEC	INTEGER	1	Update DNSSEC Settings.
updateRecordHost	STRING	@	The Record Host to replace into the searched rows.
updateRecordType	STRING	NS	The Record Type to replace into the searched rows.
updateRecordValue	STRING	ns1.dns. 6connect.com.	The Record Value to replace into the searched rows.
updateRecordDescription	STRING	Description	Update Record Descriptions.
updateRecordTTL	STRING	3600	The Record TTL to replace into the searched rows.
updateZoneResourceId	INTEGER	5	The Resource Id to replace into the searched rows.
updateZoneAutoCheck	BOOL	1	Whether or not this zone is configured to be automatically validated on load/edit.

Example URL /api/v1/api.php?target=record&action=update&searchZoneId=123&updateZoneTTL=3600

add

URL /api/v1/api.php?target=record&action=add

Description Adds a new Record to a supplied Zone.

Returns

Examples:

SUCCESSFUL: {"success":1,"message":"Add Successful.,"data":123}

ERROR: {"success":0, "message":"error message"}

Data Detail:

Name	Type	Description
data	INTEGER	The ID of the new Record entry.

Required Parameters

Name	Type	Example	Description
newRecordZoneId	INTEGER	123	The Zone ID of the new Record.
newRecordHost	STRING	@	New Host Name.
newRecordType	STRING	PTR	New Record Type.
newRecordValue*	STRING	123	New Record Value.
*newRecordValue required only for certain Record Types			

Optional Parameters	Name	Type	Example	Description
	likeFlag	BOOL	1	When 1, string searches are done via LIKE with wildcards at both ends. When 0, strict comparison is used.
	newRecordDescription	STRING	Description.	Notes for the Record.
	newRecordTTL	INTEGER	3600	Record TTL.
Example URL	/api/v1/api.php?target=record&action=add&newRecordZoneId=123&newRecordHost=@host&newRecordType=PTR&newRecordTTL=3600			

delete

URL	/api/v1/api.php?target=record&action=delete																																																																																							
Description	Performs a search over the Zones and Records dataset and deletes all found Records, but leaves their parent Zones intact.																																																																																							
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td>{ "success":1, "message": "Deletion Successful." }</td></tr><tr><td>ERROR:</td><td>{ "success":0, "message": "error message" }</td></tr></table>				SUCCESSFUL:	{ "success":1, "message": "Deletion Successful." }	ERROR:	{ "success":0, "message": "error message" }																																																																																
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Required Parameters	None																																																																																							
Optional Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>deleteZoneId</td><td>INTEGER</td><td>123</td><td>The Zone ID to search for.</td></tr><tr><td>deleteZoneName</td><td>STRING</td><td>foo</td><td>The Zone Name to search for.</td></tr><tr><td>deleteZoneCustId</td><td>INTEGER</td><td>5</td><td>The Customer ID to search for.</td></tr><tr><td>deleteZoneIpver</td><td>STRING</td><td>IPv6</td><td>The IP Version to search for.</td></tr><tr><td>deleteZoneSerial</td><td>INTEGER</td><td>2012033001</td><td>The Zone Serial to search for.</td></tr><tr><td>deleteZoneRefresh</td><td>INTEGER</td><td>36000</td><td>The Zone Refresh to search for.</td></tr><tr><td>deleteZoneRetry</td><td>INTEGER</td><td>800</td><td>The Zone Retry to search for.</td></tr><tr><td>deleteZoneExpire</td><td>INTEGER</td><td>6090000</td><td>The Zone Expire to search for.</td></tr><tr><td>deleteZoneMinimum</td><td>INTEGER</td><td>10</td><td>The Zone Minimum to search for.</td></tr><tr><td>deleteZoneSOA</td><td>STRING</td><td>200</td><td>The Zone SOA to search for.</td></tr><tr><td>deleteZoneTTL</td><td>INTEGER</td><td>3600</td><td>The Zone TTL to search for.</td></tr><tr><td>deleteZoneEnableDNSSEC</td><td>INTEGER</td><td>1</td><td>Search based on DNSSEC settings.</td></tr><tr><td>deleteRecordId</td><td>INTEGER</td><td>123</td><td>The Record ID to search for.</td></tr><tr><td>deleteRecordHost</td><td>STRING</td><td>@</td><td>The Record Host to search for.</td></tr><tr><td>deleteRecordType</td><td>STRING</td><td>NS</td><td>The Record Type to search for.</td></tr><tr><td>deleteRecordValue</td><td>STRING</td><td>ns1.dns.6connect.com.</td><td>The Record Value to search for.</td></tr><tr><td>deleteRecordDescription</td><td>STRING</td><td>Description</td><td>Search based on Record Description.</td></tr><tr><td>deleteRecordTTL</td><td>STRING</td><td>3600</td><td>The Record TTL to search for.</td></tr><tr><td>deleteZoneResourceId</td><td>INTEGER</td><td>5</td><td>The Resource Id to search for.</td></tr><tr><td>deleteZoneCustName</td><td>STRING</td><td>foo</td><td>The Customer Name to search for.</td></tr></table>				Name	Type	Example	Description	deleteZoneId	INTEGER	123	The Zone ID to search for.	deleteZoneName	STRING	foo	The Zone Name to search for.	deleteZoneCustId	INTEGER	5	The Customer ID to search for.	deleteZoneIpver	STRING	IPv6	The IP Version to search for.	deleteZoneSerial	INTEGER	2012033001	The Zone Serial to search for.	deleteZoneRefresh	INTEGER	36000	The Zone Refresh to search for.	deleteZoneRetry	INTEGER	800	The Zone Retry to search for.	deleteZoneExpire	INTEGER	6090000	The Zone Expire to search for.	deleteZoneMinimum	INTEGER	10	The Zone Minimum to search for.	deleteZoneSOA	STRING	200	The Zone SOA to search for.	deleteZoneTTL	INTEGER	3600	The Zone TTL to search for.	deleteZoneEnableDNSSEC	INTEGER	1	Search based on DNSSEC settings.	deleteRecordId	INTEGER	123	The Record ID to search for.	deleteRecordHost	STRING	@	The Record Host to search for.	deleteRecordType	STRING	NS	The Record Type to search for.	deleteRecordValue	STRING	ns1.dns.6connect.com.	The Record Value to search for.	deleteRecordDescription	STRING	Description	Search based on Record Description.	deleteRecordTTL	STRING	3600	The Record TTL to search for.	deleteZoneResourceId	INTEGER	5	The Resource Id to search for.	deleteZoneCustName	STRING	foo	The Customer Name to search for.
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deleteZoneCustName	STRING	foo	The Customer Name to search for.																																																																																					

Example URL	/api/v1/api.php?target=record&action=delete&deleteZoneName=foo
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switch

URL	/api/v1/api.php?target=record&action=switch															
Description	Switches the order of two record entries.															
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td colspan="3">{ "success":1, "message": "Record Moved." }</td></tr><tr><td>ERROR:</td><td colspan="3">{ "success":0, "message": "error message" }</td></tr></table>				SUCCESSFUL:	{ "success":1, "message": "Record Moved." }			ERROR:	{ "success":0, "message": "error message" }						
SUCCESSFUL:	{ "success":1, "message": "Record Moved." }															
ERROR:	{ "success":0, "message": "error message" }															
Required Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>moveWhichId</td><td>INTEGER</td><td>123</td><td>The Record Id to be moved.</td></tr><tr><td>moveAfterId</td><td>INTEGER</td><td>42</td><td>The Id of the Record the first Record is to be moved after.</td></tr></table>				Name	Type	Example	Description	moveWhichId	INTEGER	123	The Record Id to be moved.	moveAfterId	INTEGER	42	The Id of the Record the first Record is to be moved after.
Name	Type	Example	Description													
moveWhichId	INTEGER	123	The Record Id to be moved.													
moveAfterId	INTEGER	42	The Id of the Record the first Record is to be moved after.													
Optional Parameters	None															
Example URL	/api/v1/api.php?target=record&action=switch&moveWhichId=123&moveAfterId=42															

Server-Zone Linkage

get

URL	/api/v1/api.php?target=zoneLinkage&action=get																															
Description	Searches for Server-Zone Linkages. If no search parameters are supplied, all linkages are returned.																															
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td>{ "success":1,"message":"2 rows retrieved.", "data":[{"id":"285", "zoneld":"64", "serverId":"1", "serverName":"173.164.182.169", "serverType":"SCP", "serverMasterType":"master", "zoneName":"bind.com", "resourceId":"483"}, {"id":"287", "zoneld":"371", "serverId":"1", "serverName":"173.164.182.169", "serverType":"SCP", "serverMasterType":"master", "zoneName":"132.235.198.in-addr.arpa", "resourceId":"577"}]}</td></tr><tr><td>ERROR:</td><td>{ "success":0, "message":"error message"}</td></tr></table> Data Detail: <table><tr><th>Name</th><th>Type</th><th>Description</th></tr><tr><td>id</td><td>INTEGER</td><td>The Linkage Id.</td></tr><tr><td>zoneld</td><td>INTEGER</td><td>The Zoneld involved in this link.</td></tr><tr><td>serverId</td><td>INTEGER</td><td>The ServerId involved in this link.</td></tr><tr><td>serverName</td><td>STRING</td><td>The server name</td></tr><tr><td>serverType</td><td>STRING</td><td>The server transfer type</td></tr><tr><td>serverMasterType</td><td>STRING</td><td>Whether this server is a master or a slave.</td></tr><tr><td>zoneName</td><td>STRING</td><td>The zone name</td></tr><tr><td>resourceId</td><td>INTEGER</td><td>The Resource Id the Zone is attached to.</td></tr></table>	SUCCESSFUL:	{ "success":1,"message":"2 rows retrieved.", "data":[{"id":"285", "zoneld":"64", "serverId":"1", "serverName":"173.164.182.169", "serverType":"SCP", "serverMasterType":"master", "zoneName":"bind.com", "resourceId":"483"}, {"id":"287", "zoneld":"371", "serverId":"1", "serverName":"173.164.182.169", "serverType":"SCP", "serverMasterType":"master", "zoneName":"132.235.198.in-addr.arpa", "resourceId":"577"}]}	ERROR:	{ "success":0, "message":"error message"}	Name	Type	Description	id	INTEGER	The Linkage Id.	zoneld	INTEGER	The Zoneld involved in this link.	serverId	INTEGER	The ServerId involved in this link.	serverName	STRING	The server name	serverType	STRING	The server transfer type	serverMasterType	STRING	Whether this server is a master or a slave.	zoneName	STRING	The zone name	resourceId	INTEGER	The Resource Id the Zone is attached to.
SUCCESSFUL:	{ "success":1,"message":"2 rows retrieved.", "data":[{"id":"285", "zoneld":"64", "serverId":"1", "serverName":"173.164.182.169", "serverType":"SCP", "serverMasterType":"master", "zoneName":"bind.com", "resourceId":"483"}, {"id":"287", "zoneld":"371", "serverId":"1", "serverName":"173.164.182.169", "serverType":"SCP", "serverMasterType":"master", "zoneName":"132.235.198.in-addr.arpa", "resourceId":"577"}]}																															
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Required Parameters	None			
Optional Parameters				
Optional Parameters	Name	Type	Example	Description
	id	INTEGER	15	Fetches the linkage with the matching id.
	serverId	INTEGER	15	Fetches all linkages with the matching serverId.
	zoneId	INTEGER	15	Fetches all linkages with the matching zoneId.
Example URL	/api/v1/api.php?target=zoneLinkage&action=get&id=15			

add

URL	/api/v1/api.php?target=zoneLinkage&action=add																			
Description	Adds a new link between a DNS Server and a Zone																			
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td colspan="3">{ "success":1, "message": "Link Added." }</td></tr><tr><td>ERROR:</td><td colspan="3">{ "success":0, "message": "error message" }</td></tr></table>				SUCCESSFUL:	{ "success":1, "message": "Link Added." }			ERROR:	{ "success":0, "message": "error message" }										
SUCCESSFUL:	{ "success":1, "message": "Link Added." }																			
ERROR:	{ "success":0, "message": "error message" }																			
Required Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>serverId</td><td>INTEGER</td><td>16</td><td>The DNS Server Id.</td></tr><tr><td>zoneId</td><td>INTEGER</td><td>105</td><td>The Zone Id.</td></tr><tr><td>serverSlave</td><td>BOOL</td><td>1</td><td>Whether or not this zone is a master or a slave on the linked server. Values are: 1 for slave, 0 for master.</td></tr></table>				Name	Type	Example	Description	serverId	INTEGER	16	The DNS Server Id.	zoneId	INTEGER	105	The Zone Id.	serverSlave	BOOL	1	Whether or not this zone is a master or a slave on the linked server. Values are: 1 for slave, 0 for master.
Name	Type	Example	Description																	
serverId	INTEGER	16	The DNS Server Id.																	
zoneId	INTEGER	105	The Zone Id.																	
serverSlave	BOOL	1	Whether or not this zone is a master or a slave on the linked server. Values are: 1 for slave, 0 for master.																	
Optional Parameters	None																			
Example URL	/api/v1/api.php?target=zoneLinkage&action=add&serverId=16&zoneId=105&serverSlave=0																			

delete

URL	/api/v1/api.php?target=zoneLinkage&action=delete																			
Description	Deletes a link between a DNS Server and a Zone																			
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td colspan="3">{ "success":1,"message":"Link Deleted." }</td></tr><tr><td>ERROR:</td><td colspan="3">{ "success":0, "message":"error message" }</td></tr></table>				SUCCESSFUL:	{ "success":1,"message":"Link Deleted." }			ERROR:	{ "success":0, "message":"error message" }										
SUCCESSFUL:	{ "success":1,"message":"Link Deleted." }																			
ERROR:	{ "success":0, "message":"error message" }																			
Required Parameters	None																			
Optional Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>id</td><td>INTEGER</td><td>15</td><td>Fetches the linkage with the matching id.</td></tr><tr><td>serverId</td><td>INTEGER</td><td>15</td><td>Fetches all linkages with the matching serverId.</td></tr><tr><td>zoneId</td><td>INTEGER</td><td>15</td><td>Fetches all linkages with the matching zoneId.</td></tr></table>				Name	Type	Example	Description	id	INTEGER	15	Fetches the linkage with the matching id.	serverId	INTEGER	15	Fetches all linkages with the matching serverId.	zoneId	INTEGER	15	Fetches all linkages with the matching zoneId.
Name	Type	Example	Description																	
id	INTEGER	15	Fetches the linkage with the matching id.																	
serverId	INTEGER	15	Fetches all linkages with the matching serverId.																	
zoneId	INTEGER	15	Fetches all linkages with the matching zoneId.																	

Example URL	/api/v1/api.php?target=zoneLinkage&action=delete
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Name Server Control

get

URL	/api/v1/api.php?target=nameServer&action=get																									
Description	Fetches a list of all stored Name Servers																									
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td><pre>{ "success":1, "message":"Fetch Sucessful.", "data":[{"id":"1", "nameserver":"ns1.dns.6connect.net", "add_to_zones_default":"1", "ordering":"10", "uses":"34"}, {"id":"10", "nameserver":"ns2.dns.6connect.net", "add_to_zones_default":"1", "ordering":"11", "uses":"46"}, {"id":"9", "nameserver":"ns4.dns.6connect.net", "add_to_zones_default":"1", "ordering":"14", "uses":"12"}, {"id":"3", "nameserver":"ns3.dns.6connect.net", "add_to_zones_default":"1", "ordering":"15", "uses":"46"}]}</pre></td></tr><tr><td>ERROR:</td><td><pre>{ "success":0, "message":"error message"}</pre></td></tr></table> Data Detail: <table><tr><th>Name</th><th>Type</th><th>Description</th></tr><tr><td>id</td><td>INTEGER</td><td>Server ID</td></tr><tr><td>nameserver</td><td>STRING</td><td>Server Name</td></tr><tr><td>add_to_zones_default</td><td>BOOL</td><td>Whether or not this is a default server.</td></tr><tr><td>ordering</td><td>INTEGER</td><td>Display order</td></tr><tr><td>uses</td><td>INTEGER</td><td>How many zones have been assigned to this NameServer</td></tr></table>				SUCCESSFUL:	<pre>{ "success":1, "message":"Fetch Sucessful.", "data":[{"id":"1", "nameserver":"ns1.dns.6connect.net", "add_to_zones_default":"1", "ordering":"10", "uses":"34"}, {"id":"10", "nameserver":"ns2.dns.6connect.net", "add_to_zones_default":"1", "ordering":"11", "uses":"46"}, {"id":"9", "nameserver":"ns4.dns.6connect.net", "add_to_zones_default":"1", "ordering":"14", "uses":"12"}, {"id":"3", "nameserver":"ns3.dns.6connect.net", "add_to_zones_default":"1", "ordering":"15", "uses":"46"}]}</pre>	ERROR:	<pre>{ "success":0, "message":"error message"}</pre>	Name	Type	Description	id	INTEGER	Server ID	nameserver	STRING	Server Name	add_to_zones_default	BOOL	Whether or not this is a default server.	ordering	INTEGER	Display order	uses	INTEGER	How many zones have been assigned to this NameServer
SUCCESSFUL:	<pre>{ "success":1, "message":"Fetch Sucessful.", "data":[{"id":"1", "nameserver":"ns1.dns.6connect.net", "add_to_zones_default":"1", "ordering":"10", "uses":"34"}, {"id":"10", "nameserver":"ns2.dns.6connect.net", "add_to_zones_default":"1", "ordering":"11", "uses":"46"}, {"id":"9", "nameserver":"ns4.dns.6connect.net", "add_to_zones_default":"1", "ordering":"14", "uses":"12"}, {"id":"3", "nameserver":"ns3.dns.6connect.net", "add_to_zones_default":"1", "ordering":"15", "uses":"46"}]}</pre>																									
ERROR:	<pre>{ "success":0, "message":"error message"}</pre>																									
Name	Type	Description																								
id	INTEGER	Server ID																								
nameserver	STRING	Server Name																								
add_to_zones_default	BOOL	Whether or not this is a default server.																								
ordering	INTEGER	Display order																								
uses	INTEGER	How many zones have been assigned to this NameServer																								
Required Parameters	None																									
Optional Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>default</td><td>INTEGER</td><td>1</td><td>Set server as default</td></tr></table>				Name	Type	Example	Description	default	INTEGER	1	Set server as default														
Name	Type	Example	Description																							
default	INTEGER	1	Set server as default																							
Example URL	/api/v1/api.php?target=nameServer&action=get&default=1																									

add

URL	/api/v1/api.php?target=nameServer&action=add				
Description	Adds a new DNS Server				
Returns	Examples:<table><tr><td>SUCCESSFUL:</td><td><pre>{ "success":1, "message":"Add Successful."}</pre></td></tr><tr><td>ERROR:</td><td><pre>{ "success":0, "message":"error message"}</pre></td></tr></table>	SUCCESSFUL:	<pre>{ "success":1, "message":"Add Successful."}</pre>	ERROR:	<pre>{ "success":0, "message":"error message"}</pre>
SUCCESSFUL:	<pre>{ "success":1, "message":"Add Successful."}</pre>				
ERROR:	<pre>{ "success":0, "message":"error message"}</pre>				

Required Parameters				
	Name	Type	Example	Description
	newServer	STRING	ns.yourdomain.com	Name of the NameServer
Optional Parameters	None			
Example URL	/api/v1/api.php?target=nameServer&action=add&newServer=ns.yourdomain.com			

delete

URL	/api/v1/api.php?target=nameServer&action=delete											
Description	Deletes a NameServer											
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td colspan="3">{<i>"success":1,"message":"Server Deleted."</i>}</td></tr><tr><td>ERROR:</td><td colspan="3">{<i>"success":0, "message":"error message"</i>}</td></tr></table>				SUCCESSFUL:	{ <i>"success":1,"message":"Server Deleted."</i> }			ERROR:	{ <i>"success":0, "message":"error message"</i> }		
SUCCESSFUL:	{ <i>"success":1,"message":"Server Deleted."</i> }											
ERROR:	{ <i>"success":0, "message":"error message"</i> }											
Required Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>id</td><td>INTEGER</td><td>5</td><td>ID of server to delete.</td></tr></table>				Name	Type	Example	Description	id	INTEGER	5	ID of server to delete.
Name	Type	Example	Description									
id	INTEGER	5	ID of server to delete.									
Optional Parameters	None											
Example URL	/api/v1/api.php?target=nameServer&action=delete&id=5											

setDefault

URL	/api/v1/api.php?target=nameServer&action=setDefault															
Description	Default NameServers have all new zones added to them as they are created. Multiple NameServers can be classified as Default.															
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td colspan="3">{<i>"success":1, "message":"Success."</i>}</td></tr><tr><td>ERROR:</td><td colspan="3">{<i>"success":0, "message":"error message"</i>}</td></tr></table>				SUCCESSFUL:	{ <i>"success":1, "message":"Success."</i> }			ERROR:	{ <i>"success":0, "message":"error message"</i> }						
SUCCESSFUL:	{ <i>"success":1, "message":"Success."</i> }															
ERROR:	{ <i>"success":0, "message":"error message"</i> }															
Required Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>id</td><td>INTEGER</td><td>5</td><td>ID of server to modify.</td></tr><tr><td>value</td><td>INTEGER</td><td>1</td><td>1 = Default, 0 = Normal</td></tr></table>				Name	Type	Example	Description	id	INTEGER	5	ID of server to modify.	value	INTEGER	1	1 = Default, 0 = Normal
Name	Type	Example	Description													
id	INTEGER	5	ID of server to modify.													
value	INTEGER	1	1 = Default, 0 = Normal													
Optional Parameters	None															
Example URL	/api/v1/api.php?target=nameServer&action=setDefault&id=3&value=1															

orderUp

URL	/api/v1/api.php?target=nameServer&action=orderUp
Description	Swaps the index order of the targeted NameServer with that of the one above it.

Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td><code>{"success":1,"message":"Reordering Successful."}</code></td></tr><tr><td>ERROR:</td><td><code>{"success":0, "message":"error message"}</code></td></tr></table>	SUCCESSFUL:	<code>{"success":1,"message":"Reordering Successful."}</code>	ERROR:	<code>{"success":0, "message":"error message"}</code>				
SUCCESSFUL:	<code>{"success":1,"message":"Reordering Successful."}</code>								
ERROR:	<code>{"success":0, "message":"error message"}</code>								
Required Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>id</td><td>INTEGER</td><td>5</td><td>ID of server to modify.</td></tr></table>	Name	Type	Example	Description	id	INTEGER	5	ID of server to modify.
Name	Type	Example	Description						
id	INTEGER	5	ID of server to modify.						
Optional Parameters	None								
Example URL	/api/v1/api.php?target=nameServer&action=orderUp&id=3								

orderDown

URL	/api/v1/api.php?target=nameServer&action=orderDown											
Description	Swaps the index order of the targeted NameServer with that of the one below it.											
Returns	Examples: <table><tr><td>SUCCESSFUL:</td><td colspan="3">{<i>"success":1, "message":"Reordering Successful."</i>}</td></tr><tr><td>ERROR:</td><td colspan="3">{<i>"success":0, "message":"error message"</i>}</td></tr></table>				SUCCESSFUL:	{ <i>"success":1, "message":"Reordering Successful."</i> }			ERROR:	{ <i>"success":0, "message":"error message"</i> }		
SUCCESSFUL:	{ <i>"success":1, "message":"Reordering Successful."</i> }											
ERROR:	{ <i>"success":0, "message":"error message"</i> }											
Required Parameters	<table><tr><th>Name</th><th>Type</th><th>Example</th><th>Description</th></tr><tr><td>id</td><td>INTEGER</td><td>5</td><td>ID of server to activate.</td></tr></table>				Name	Type	Example	Description	id	INTEGER	5	ID of server to activate.
Name	Type	Example	Description									
id	INTEGER	5	ID of server to activate.									
Optional Parameters	None											
Example URL	/api/v1/api.php?target=nameServer&action=orderDown&id=5											