

name.com Name.com API V2

Added by [David Mc Breen](#), last edited by [Art Enke](#) on Jul 15, 2011

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General Actions

| Action | HTTP Request Type and URL |
|--------|---------------------------|
| Login | POST /api/login |
| Logout | GET /api/logout |
| | |

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General Actions

Login Logout Hello Account Actions

Retrieve Account Order Actions

Product Descriptions

Domain Create (Registration) Domain Renew Whois Privacy Create Whois Privacy Renew Backorder

Process Order Domain Actions

Create Domain Retrieve Domain List Domains Lock Domain Unlock Domain Update Nameservers Update

Contacts Check Domain Availability DNS Actions

List DNS Records Create DNS Record Delete DNS Record Registered Nameserver Actions List Host

Records Sync Host Records Create Host Records Delete Host Records Add IP to Host Records Remove IP

from Host Records Authentication

Session Token Username and API Token Response Codes and Messages

General Actions

Action HTTP Request Type and URL

Login POST /api/login

Logout GET /api/logout

| | |
|-------|----------------|
| Hello | GET /api/hello |
|-------|----------------|

Login

Request: POST /api/login

```
{
  "username" : "<username>",
  "api_token" : "<api_token>"
}
```

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
  "session_token" : "5aa8f811f83763414c55a62a341ff808b4c10631"
}
```

Logout

Request: GET /api/logout

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  }
}
```

Hello

Request: GET /api/hello

Response:

Login

Request: POST /api/login

```
{  
  
    "username" : "<username>", "api_token" : "<api_token>" }
```

Response:

```
{  
  
    "result" : {  
  
        "code" : 100, "message" : "Command Successful" }, "session_token" :  
        "5aa8f811f83763414c55a62a341ff808b4c10631" }
```

Logout

Request: GET /api/logout

Response:

```
{  
  
    "result" : {  
  
        "code" : 100, "message" : "Command Successful" } }
```

Hello

Request: GET /api/hello

Response:

```

{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
  "service" : "Name.com API Test Server",
  "server_date" : "2010-06-27 04:32:58",
  "version" : "2.0",
  "language" : "en",
  "client_ip" : "127.0.0.1"
}

```

Account Actions

| Action | HTTP Request Type and URL |
|------------------|---------------------------|
| Retrieve Account | GET /api/account/get |

Retrieve Account

Request: GET /api/account/get

Response:

```

{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
  "username" : "jdoe",
  "create_date" : "2010-05-26 13:23:02",
  "domain_count" : "11",
  "account_credit" : "100.00",
  "contacts" : [
    {
      "type" : ["registrant", "administrative", "billing", "technical"],
      "first_name" : "John",
      "last_name" : "Doe",
      "organization" : "Name.com",
      "address_1" : "125 Rampart Way",
      "address_2" : "",
      "city" : "Denver",
      "state" : "CO",
      "zip" : "80230",
      "country" : "US",
      "phone" : "+1.3035555555",
      "fax" : "",
      "email" : "john@example.com"
    }
  ]
}

```

{

```
"result" : {  
  "code" : 100, "message" : "Command Successful" }, "service" : "Name.com API  
Test Server", "server_date" : "2010-06-27 04:32:58", "version" : "2.0",  
  "language" : "en", "client_ip" : "127.0.0.1" }
```

Account Actions

Action HTTP Request Type and URL

Retrieve Account GET /api/account/get

Retrieve Account

Request: GET /api/account/get

Response:

```
{  
  "result" : {  
    "code" : 100, "message" : "Command Successful" }, "username" : "jdoe",  
    "create_date" : "2010-05-26 13:23:02", "domain_count" : "11", "account_credit"  
    : "100.00", "contacts" : [  
      {  
        "type" : ["registrant","administrative","billing","technical"], "first_name" :  
        "John", "last_name" : "Doe", "organization" : "Name.com", "address_1" : "125  
Rampart Way", "address_2" : "", "city" : "Denver", "state" : "CO", "zip" :  
        "80230", "country" : "US", "phone" : "+1.3035555555", "fax" : "", "email" :  
        "john@example.com" } ] }
```

Order Actions

| Action | HTTP Request Type and URL |
|---------------|---------------------------|
| Process Order | POST /api/order |

Product Descriptions

Below is a list of available products along with a description of required and optional parameters for each. These products can be purchased using the "Process Order" command described below.

Domain Create (Registration)

Parameters:


- **order_type**: domain/create
- **domain_name**: The domain name being registered.
- **period**: The length of time for which the domain is being registered (in years).
- **nameservers** (optional): The nameservers to be applied to the domain (will default to default nameservers if not provided).
- **contact** (optional): The contacts to be applied to the domain (will default to default account contacts if not provided).
- **whois_privacy** (optional): Can be set to 1 to purchase whois privacy along with a registration (this can be used instead of individually listing a whois privacy creation - do not use both). The whois privacy registration/renewal will be itemized in the response.

Domain Renew

Parameters:

- **order_type**: domain/renew
- **domain_name**: The domain name being renewed.
- **period**: The length of time for which the domain is being renewed (in years).
- **whois_privacy** (optional): Can be set to 1 to purchase or renew whois privacy along with a renewal (this can be used instead of individually listing a whois privacy creation or renewal - do not use both). The whois privacy registration/renewal will be itemized in the response.

Whois Privacy Create

-  This can alternately be included in an order using the whois_privacy flag with a domain registration or renewal. It is not necessary to specify the whois_privacy flag AND specify the stand alone whois_privacy item for an individual domain. One will fail if both are specified.

Parameters:

- **order_type**: whois_privacy/create
- **domain_name**: The domain name for which whois privacy is being created.
- **period**: The length of time for which whois privacy is being created (in years).

Whois Privacy Renew

Order Actions

Action HTTP Request Type and URL

Process Order POST /api/order

Product Descriptions

Below is a list of available products along with a description of required and optional parameters for each. These products can be purchased using the "Process Order" command described below.

Domain Create (Registration)

Parameters:

order_type: domain/create domain_name: The domain name being registered. period: The length of time for which the domain is being registered (in years). nameservers (optional): The nameservers to be applied to the domain (will default to default nameservers if not provided). contact (optional): The contacts to be applied to the domain (will default to default account contacts if not provided). whois_privacy (optional): Can be set to 1 to purchase whois privacy along with a registration (this can be used instead of individually listing a whois privacy creation - do not use both). The whois privacy registration/renewal will be itemized in the response.

Domain Renew

Parameters:

order_type: domain/renew domain_name: The domain name being renewed. period: The length of time for which the domain is being renewed (in years). whois_privacy (optional): Can be set to 1 to purchase or renew whois privacy along with a renewal (this can be used instead of individually listing a whois privacy creation or renewal - do not use both). The whois privacy registration/renewal will be itemized in the response.


Whois Privacy Create

This can alternately be included in an order using the whois_privacy flag with a domain registration or renewal. It is not necessary to specify the whois_privacy flag AND specify the stand alone whois_privacy item for an individual domain. One will fail if both are specified.

Parameters:

order_type: whois_privacy/create domain_name: The domain name for which whois privacy is being created. period: The length of time for which whois privacy is being created (in years).

Whois Privacy Renew

-  This can alternately be included in an order using the `whois_privacy` flag with a registration or renewal. It is not necessary to use the `whois_privacy` flag AND the stand alone `whois_privacy` item for an individual domain. One will fail if both are specified or it can cause the `whois_privacy` to be renewed multiple times.

Parameters:

- **order_type:** `whois_privacy/renew`
- **domain_name:** The domain name for which whois privacy is being renewed.
- **period:** The length of time for which whois privacy is being renewed (in years).

Backorder

Parameters:

- **order_type:** `backorder/create`
- **domain_name:** The domain name being backordered.

Process Order

The order command can be used to purchase all products available through the API. Multiple products can be purchased at one time using this command. Each product is listed as an individual entry inside the items array parameter. Each item must include all non-optional fields specified in the "Product Descriptions" section above. The items array must contain 1 or more products. The sample usage below includes multiple items as an example.

Request: `POST /api/order`

This can alternately be included in an order using the `whois_privacy` flag with a registration or renewal. It is

not necessary to use the whois_privacy flag AND the stand alone whois_privacy item for an individual domain. One will fail if both are specified or it can cause the whois_privacy to be renewed multiple times.

Parameters:

order_type: whois_privacy/renew domain_name: The domain name for which whois privacy is being renewed.

period: The length of time for which whois privacy is being renewed (in years).

Backorder

Parameters:

order_type: backorder/create domain_name: The domain name being backordered.

Process Order

The order command can be used to purchase all products available through the API. Multiple products can be purchased at one time using this command. Each product is listed as an individual entry inside the items array parameter. Each item must include all non-optional fields specified in the "Product Descriptions" section above. The items array must contain 1 or more products. The sample usage below includes multiple items as an example.

Request: POST /api/order

```

{
  "items":
  [
    {
      "order_type" : "domain/create",
      "domain_name" : "testdomain1.com",
      "nameservers" : ["ns1.name.com", "ns2.name.com", "ns3.name.com", "ns4.name.com"],
      "contacts" : [
        {
          "type" : ["registrant", "administrative", "billing", "technical"],
          "first_name" : "John",
          "last_name" : "Doe",
          "organization" : "Name.com",
          "address_1" : "125 Rampart Way",
          "address_2" : "",
          "city" : "Denver",
          "state" : "CO",
          "zip" : "80230",
          "country" : "US",
          "phone" : "+1.3035555555",
          "fax" : "",
          "email" : "john@example.com"
        }
      ],
      "period" : 1
    },
    {
      "order_type" : "domain/create",
      "domain_name" : "testdomain2.org",
      "period" : 1,
      "whois_privacy" : 1
    },
    {
      "order_type" : "domain/renew",
      "domain_name" : "testdomain3.org",
      "period" : 1,
      "whois_privacy" : 1
    },
    {
      "order_type" : "whois_privacy/create",
      "domain_name" : "testdomain4.com",
      "period" : 1
    },
    {
      "order_type" : "whois_privacy/renew",
      "domain_name" : "testdomain5.org",
      "period" : 1
    },
    {
      "order_type" : "backorder/create",
      "domain_name" : "testbackorder1.org"
    }
  ]
}

```

Response:

```

{
  "result":
  {
    "code":100,
    "message":"Command Successful"
  },
  "results":
  [

```

{

```
"items": [
{
"order_type" : "domain/create", "domain_name" : "testdomain1.com",
"nameservers" : ["ns1.name.com","ns2.name.com","ns3.name.com","ns4.name.com"],
"contacts" : [
{
"type" : ["registrant","administrative","billing","technical"], "first_name" :
"John", "last_name" : "Doe", "organization" : "Name.com", "address_1" : "125
Rampart Way", "address_2" : "", "city" : "Denver", "state" : "CO", "zip" :
"80230", "country" : "US", "phone" : "+1.3035555555", "fax" : "", "email" :
"john@example.com" } ], "period" : 1 }, {
"order_type" : "domain/create", "domain_name" : "testdomain2.org", "period" :
1, "whois_privacy" : 1 }, {
"order_type" : "domain/renew", "domain_name" : "testdomain3.org", "period" :
1, "whois_privacy" : 1 }, {
"order_type" : "whois_privacy/create", "domain_name" : "testdomain4.com",
"period" : 1 }, {
"order_type" : "whois_privacy/renew", "domain_name" : "testdomain5.org",
"period" : 1 }, {
"order_type" : "backorder/create", "domain_name" : "testbackorder1.org" } ] }
```

Response:

```
{
"result": {
"code":100, "message":"Command Successful" }, "results": [
```

```

{
  {
    "success":false,
    "order_type":"domain/create",
    "domain_name":"testdomain1.com",
    "price":"9.99",
    "duration":"1",
    "interval":"year",
    "information":["Parameter Value Error - Domain Name Is Not Available"]
  },
  {
    "success":true,
    "order_type":"domain/create",
    "domain_name":"testdomain2.org",
    "price":"7.49",
    "duration":"1",
    "interval":"year"
  },
  {
    "success":true,
    "order_type":"domain/renewal",
    "domain_name":"testdomain3.org",
    "price":"8.99",
    "duration":"1",
    "interval":"year"
  },
  {
    "success":true,
    "order_type":"whois_privacy/create",
    "domain_name":"testdomain4.com",
    "price":"1.99",
    "duration":"1",
    "interval":"year"
  },
  {
    "success":true,
    "order_type":"whois_privacy/renewal",
    "domain_name":"testdomain5.org",
    "price":"1.99",
    "duration":"1",
    "interval":"year"
  },
  {
    "success":true,
    "order_type":"whois_privacy/create",
    "domain_name":"testdomain2.org",
    "price":"1.99",
    "duration":"1",
    "interval":"year"
  },
  {
    "success":true,
    "order_type":"whois_privacy/renewal",
    "domain_name":"testdomain3.org",
    "price":"1.99",
    "duration":"1",
    "interval":"year"
  },
  {
    "success":true,
    "order_type":"backorder/create",
    "domain_name":"testbackorder1.org",
    "price":"49.95",
    "period":"1",
    "interval":"year"
  }
}
}



```

```
{
"success":false, "order_type":"domain/create",
"domain_name":"testdomain1.com", "price":"10.99", "duration":"1",
"interval":"year", "information":["Parameter Value Error - Domain Name Is Not
Available"] }, {
"success":true, "order_type":"domain/create", "domain_name":"testdomain2.org",
"price":"10.99", "duration":"1", "interval":"year" }, {
"success":true, "order_type":"domain/renewal",
"domain_name":"testdomain3.org", "price":"10.99", "duration":"1",
"interval":"year" }, {
"success":true, "order_type":"whois_privacy/create",
"domain_name":"testdomain4.com", "price":"3.99", "duration":"1",
"interval":"year" }, {
"success":true, "order_type":"whois_privacy/renewal",
"domain_name":"testdomain5.org", "price":"3.99", "duration":"1",
"interval":"year" }, {
"success":true, "order_type":"whois_privacy/create",
"domain_name":"testdomain2.org", "price":"3.99", "duration":"1",
"interval":"year" }, {
"success":true, "order_type":"whois_privacy/renewal",
"domain_name":"testdomain3.org", "price":"3.99", "duration":"1",
"interval":"year" }, {
"success":true, "order_type":"backorder/create",
"domain_name":"testbackorder1.org", "price":"49.95", "period":"1",
"interval":"year" } ] }
```

Domain Actions

| Action | HTTP Request Type and URL |
|---------------------------|---|
| Create Domain | POST /api/domain/create |
| Retrieve Domain | GET /api/domain/get/ domainName |
| List Domains | GET /api/domain/list |
| Lock Domain | POST /api/domain/lock/ domainName |
| Unlock Domain | POST /api/domain/unlock/ domainName |
| Update Nameservers | POST /api/domain/update_nameservers/ domainName |
| Update Contacts | POST /api/domain/update_contacts/ domainName |
| Check Domain Availability | POST /api/domain/check |

Create Domain

-  The order command explained earlier in this document can be used in place of this command. The order command is also capable of registering multiple domains at one time along with all other products available through the API (domain renewal, private whois, etc).
-  The following TLDs have special requirements for domain creation: ASIA, CA, DE, EU, JOBS, NL, PRO, US, TEL, and TRAVEL. For creating domains with these TLDs, please refer to the following page: [API Domain Create Extra Requirements](#).

Request: POST /api/domain/create

Domain Actions

Action HTTP Request Type and URL

Create Domain POST /api/domain/create

Retrieve Domain GET /api/domain/get/domainName

List Domains GET /api/domain/list

Lock Domain POST /api/domain/lock/domainName

Unlock Domain POST /api/domain/unlock/domainName

Update Nameservers POST /api/domain/update_nameservers/domainName

Update Contacts POST /api/domain/update_contacts/domainName

Check Domain Availability POST /api/domain/check

Create Domain

The following TLDs have special requirements for domain creation: ASIA, CA, DE, EU, JOBS, NL, PRO, US, TEL, and TRAVEL. For creating domains with these TLDs, please refer to the following page: [API Domain Create Extra Requirements](#).

Request: POST /api/domain/create

The order command explained earlier in this document can be used in place of this command. The order command is also capable of registering multiple domains at one time along with all other products available through the API (domain renewal, private whois, etc).


```

{
  "domain_name" : "<domain_name>",
  "period" : <period>,
  "nameservers" : ["<nameserver_1>", "<nameserver_2>", "<nameserver_3>", "<nameserver_4>"],
  "contacts" : [
    {
      "type" : ["registrant", "administrative", "billing", "technical"],
      "first_name" : "<first_name>",
      "last_name" : "<last_name>",
      "organization" : "<organization>",
      "address_1" : "<address_1>",
      "address_2" : "<address_2>",
      "city" : "<city>",
      "state" : "<state>",
      "zip" : "<zip>",
      "country" : "<country>",
      "phone" : "<phone>",
      "fax" : "<fax>",
      "email" : "<email>"
    }
  ]
}

```

Response:

```

{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  }
}

```

Retrieve Domain

Request: GET /api/domain/get/domainName

Response:

```

{

```

```
"domain_name" : "<domain_name>", "period" : <period>, "nameservers" :
["<nameserver_1>", "<nameserver_2>", "<nameserver_3>", " <nameserver_4>"],
"contacts" : [
{
"type" : ["registrant", "administrative", "billing", "technical"],
"first_name" : "<first_name>", "last_name" : "<last_name>", "organization" :
"<organization>", "address_1" : "<address_1>", "address_2" : "<address_2>",
"city" : "<city>", "state" : "<state>", "zip" : "<zip>", "country" :
"<country>", "phone" : "<phone>", "fax" : "<fax>", "email" : "<email>" } ] }
```

Response:

```
{
"result" : {
"code" : 100, "message" : "Command Successful" } }
```

Retrieve Domain

Request: GET /api/domain/get/domainName

Response:

```

{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
  "domain_name" : "testdomain1.com",
  "create_date" : "2010-06-21 20:54:55",
  "expire_date" : "2011-06-21 20:54:55",
  "locked" : false,
  "nameservers" : ["ns1.name.com", "ns2.name.com"],
  "username" : "testaccount",
  "contacts" : [
    {
      "type" : ["registrant", "administrative", "technical", "billing"],
      "first_name" : "John",
      "last_name" : "Doe",
      "organization" : "Name.com",
      "address_1" : "200 East Colfax",
      "address_2" : "Suite 100",
      "city" : "Denver",
      "state" : "CO",
      "zip" : "80203",
      "country" : "US",
      "phone" : "+1.3035555555",
      "fax" : "+1.3035555556",
      "email" : "noreply@name.com"
    }
  ]
}

```

List Domains

Request: GET /api/domain/list

Response:

```

{

```

```
"result" : {  
  "code" : 100, "message" : "Command Successful" }, "domain_name" :  
  "testdomain1.com", "create_date" : "2010-06-21 20:54:55", "expire_date" :  
  "2011-06-21 20:54:55", "locked" : false, "nameservers" : ["ns1.name.com",  
  "ns2.name.com"], "username" : "testaccount", "contacts" : [  
    {  
      "type" : ["registrant","administrative","technical","billing"], "first_name" :  
      "John", "last_name" : "Doe", "organization" : "Name.com", "address_1" : "200  
      East Colfax", "address_2" : "Suite 100", "city" : "Denver", "state" : "CO",  
      "zip" : "80203", "country" : "US", "phone" : "+1.3035555555", "fax" :  
      "+1.3035555556", "email" : "noreply@name.com" } ] }
```

List Domains

Request: GET /api/domain/list

Response:

```

{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
  "domains" : {
    "testdomain1.com" : {
      "tld" : "org",
      "create_date" : "2010-12-06 23:27:50",
      "expire_date" : "2012-12-06 23:27:50",
      "whois_privacy" : {
        "enabled" : true,
        "expire_date" : "2011-12-06 16:28:14"
      },
      "addons" : {
        "domain/renew" : {
          "price" : "8.99"
        },
        "whois_privacy/renew" : {
          "price" : "1.99"
        }
      }
    },
    "testdomain2.com" : {
      "tld" : "com",
      "create_date" : "2010-12-07 22:54:46",
      "expire_date" : "2011-12-07 22:54:46",
      "addons" : {
        "whois_privacy" : {
          "price" : "1.99"
        },
        "domain/renew" : {
          "price" : "9.99"
        }
      }
    }
  }
}

```

Lock Domain

Request: POST /api/domain/lock/domainName

Response:

```

{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  }
}

```

Unlock Domain

Request: POST /api/domain/unlock/domainName

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  }
}
```

Update Nameservers

Request: POST /api/domain/update_nameservers/domainName

```
{
  "nameservers" : ["<nameserver_1>","<nameserver_2>"]
}
```

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  }
}
```

Update Contacts

Request: POST /api/domain/update_contacts/domainName

```
{
  "contacts" : [
    {
      "type" : ["registrant","administrative"],
      "first_name" : "John",
      "last_name" : "Doe",
      "organization" : "Name.com",
      "address_1" : "125 Rampart Way",
      "address_2" : "Suite 300",
      "city": "Denver",
      "state": "CO",
      "zip": "80230",
      "country": "US",
      "phone": "+1.3035555555",
      "fax": "+1.3035555556",
      "email": "john@example.net"
    }
  ]
}
```

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  }
}
```

Check Domain Availability

Request: POST /api/domain/check

```
{
  "keyword" : "largecat",
  "tlds" : ["com", "net", "org", "info", "us", "biz", "tel"],
  "services" : ["availability", "suggested"]
}
```

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
  "domains" : {
    "testdomain1.com" : {
      "avail" : true,
      "tld" : "com",
      "price" : "9.99",
      "premium" : false,
      "backorder" : false
    },
    "testdomain1.net" : {
      "avail" : false,
      "tld" : "net",
      "price" : "49.95",
      "premium" : false,
      "backorder" : true
    }
  },
  //...
  "suggested" : {
    "largecat.net" : {
      "avail" : true,
      "tld" : "net",
      "price" : "9.99",
      "premium" : false,
      "backorder" : false
    }
  },
  //...
}
}
```

DNS Actions

| Action | HTTP Request Type and URL |
|-------------------|---------------------------------|
| List DNS Records | GET /api/dns/list/domainName |
| Create DNS Record | POST /api/dns/create/domainName |
| Delete DNS Record | POST /api/dns/delete/domainName |

List DNS Records

Request: GET /api/dns/list/domainName

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
  "records" : [
    {
      "record_id" : "32",
      "name" : "mail.testdomain1.com",
      "type" : "MX",
      "content" : "mx0.name.com",
      "ttl" : "300",
      "create_date" : "2010-09-16 09:11:02",
      "priority" : "10"
    },
    // ...
  ]
}
```

Create DNS Record

Request: POST /api/dns/create/domainName

```
{
  "hostname" : "mail",
  "type" : "MX",
  "content" : "127.0.0.1",
  "ttl" : 300,
  "priority" : 10
}
```

Response:


```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
  "record_id" : 43,
  "name" : "mail.api-domain-a2.org",
  "type" : "MX",
  "content" : "127.0.0.1",
  "ttl" : 300,
  "create_date" : "2010-09-22 07:56:28",
  "priority" : 10
}
```

Delete DNS Record

Request: POST /api/dns/delete/domainName

```
{
  "record_id" : <record_id>
}
```

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  }
}
```

Registered Nameserver Actions

| Action | HTTP Request Type and URL |
|----------------------------|-------------------------------------|
| List Host Records | GET /api/host/list/domainName |
| Sync Host Records | GET /api/host/sync/domainName |
| Create Host Record | POST /api/host/create/domainName |
| Delete Host Record | POST /api/host/delete/domainName |
| Add IP to Host Record | POST /api/host/add_ip/domainName |
| Remove IP from Host Record | POST /api/host/remove_ip/domainName |

List Host Records

Request: GET /api/host/list/domainName

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
  "hosts" : {
    "ns1.mydomain.com" : [
      "127.0.0.1",
      // ...
    ],
    // ...
  }
}
```

Sync Host Records

Request: GET /api/host/sync/domainName

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
}
```

Create Host Records

Request: POST /api/host/create/domainName

```
{
  "hostname" : "ns1.mydomain.com",
  "ip" : "127.0.0.1",
}
```

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
}
```

Delete Host Records

Request: POST /api/host/delete/domainName

```
{
  "hostname" : "ns1.mydomain.com",
}
```

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
}
```

Add IP to Host Records

Request: POST /api/host/add_ip/domainName

```
{
  "hostname" : "ns1.mydomain.com",
  "ip" : "127.0.0.1",
}
```

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
}
```

Remove IP from Host Records

Request: POST /api/host/remove_ip/domainName

```
{
  "hostname" : "ns1.mydomain.com",
  "ip" : "127.0.0.1",
}
```

Response:

```
{
  "result" : {
    "code" : 100,
    "message" : "Command Successful"
  },
}
```

Authentication

Most commands require authentication (with the exception of Login, Hello, and Get Token). You can either use the login command to get a Session Token and pass that with each request or pass the Username and API Token with each request.

This is done using HTTP Request headers.

Session Token

Api-Session-Token: <session_token>

Username and API Token

Api-Username: <username>

Api-Token: <api_token>

Response Codes and Messages

| Code | Message |
|------|------------------------------|
| 100 | Command Successful |
| 203 | Required Parameter Missing |
| 204 | Parameter Value Error |
| 211 | Invalid Command URL |
| 221 | Authorization Error |
| 240 | Command Failed |
| 250 | Unexpected Error (Exception) |
| 251 | Authentication Error |
| 260 | Insufficient Funds |
| 261 | Unable to Authorize Funds |