API Documentation - Version 3 - Beta

General API Information

Overview

API Hostname

IPv4 Only API Hostname

Domain Pricing

Authentication

Errors

Example Code

Domain Functionality

Domain Update Name Servers

Domain Get Name Servers

Domain List All

Domain Add Url Forward

Domain Get URL Forwarding

Domain Delete Url Forward

Domain Check

DNS Functionality

DNS Create Record

DNS Edit Record by Domain and ID

DNS Edit Records by Domain, Subdomain and Type

DNS Delete Record by Domain and ID

DNS Delete Records by Domain, Subdomain and Type

DNS Retrieve Records by Domain or ID

DNS Retrieve Records by Domain, Subdomain and Type

DNSSEC Create Record

DNSSEC Get Records

DNSSEC Delete Record

SSL Functionality

SSL Retrieve Bundle by Domain

Overview

The Porkbun API uses JSON content sent to URI endpoints via HTTP POST. Functionality is currently limited but as more functionality is added it will be documented here.

Please note that values in URI examples surrounded by brackets, [SUBDOMAIN] for example, are optional.

API Hostname

api.porkbun.com

Please note that porkbun.com is no longer supported as the hostname for our API. Please use api.porkbun.com as the correct hostname moving forward.

IPv4 Only Hostname

Some folks prefer to force IPv4, especially when using the ping command to get back an IP address for dynamic DNS clients. The dedicated IPv4 hostname isapi-ipv4.porkbun.com , use this instead of porkbun.com.

Domain Pricing

Check default domain pricing information for all supported TLDs. This command does not require authentication.

Command Element Descriptions

None

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

pricing

Objects with default pricing for the registration, renewal and transfer of each supported TLD.

```
URI Endpoint: https://api.porkbun.com/api/json/v3/pricing/get
JSON Command
None
JSON Response
{
        "status": "SUCCESS",
        "pricing": {
                 "design": {
                         "registration": "35.58",
                         "renewal": "35.58",
                         "transfer": "35.58"
                 },
                 "com": {
                         "registration": "9.68",
                         "renewal": "9.68",
                         "transfer": "9.68"
                 },
                 . . .
        }
}
```

Authentication

Authentication is done by passing an API key and secret API key in the JSON content posted to the URI endpoint. All API calls must include valid API keys. You can create API keys at porkbun.com/account/api (https://porkbun.com/account/api). You can test communication with the API using the **ping** endpoint. The ping endpoint will also return your IP address, this can be handy when building dynamic DNS clients.

Get API Key (/account/api)

```
URI Endpoint: https://api.porkbun.com/api/json/v3/ping

JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY"
}

JSON Response Example
{
        "status": "SUCCESS",
        "yourIp": "67.247.114.19"
}
```

Errors

Any HTTP response code other than 200 is an error. Errors will also be indicated in the "status" element of the returned JSON. An HTTP response of 403 means that additional authentication information is required, such as a two factor code.

Example

```
JSON Response Example
{
     "status": "ERROR",
     "message": "All HTTP request must use POST."
}
```

Examples

Knowledge based article with sample applications demonstrating use of the DNS management API:

Getting started with the Porkbun DNS API (https://kb.porkbun.com/article/190-getting-started-with-the-porkbun-dns-api)

Domain Update Name Servers

Update the name servers for your domain.

Command Element Descriptions

```
    secretapikey
```

Your secret API key.

apikey

Your API key.

• ns

An array of name servers that you would like to update your domain with.

Response Element Descriptions

• status

A status indicating whether or not the command was successfuly processed.

Example

Domain Get Name Servers

Get the authoritative name servers listed at the registry for your domain.

Command Element Descriptions

```
    secretapikey
        Your secret API key.
```

apikey

Your API key.

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

• ns

An array of name server host names.

Example

```
URI Endpoint: https://api.porkbun.com/api/json/v3/domain/getNs/DOMAIN
URI Endpoint Example: https://api.porkbun.com/api/json/v3/domain/getNs/borseth.ink
JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY"
}
JSON Response Example
{
        "status": "SUCCESS",
        "ns": [
                "curitiba.ns.porkbun.com",
                "fortaleza.ns.porkbun.com",
                "maceio.ns.porkbun.com",
                "salvador.ns.porkbun.com"
        ]
}
```

Domain List All

Get all domain names in account. Domains are returned in chunks of 1000.

Command Element Descriptions

secretapikey

Your secret API key.

apikey

Your API key.

• start - optional

An index to start at when retrieving the domains, defaults to 0. To get all domains increment by 1000 until you receive an empty array.

• includeLabels - optional

If set to "yes" we will return label information for the domains if it exists.

Response Element Descriptions

• status

A status indicating whether or not the command was successfuly processed.

• domains

An array of domains and domain details in the account.

```
URI Endpoint: https://api.porkbun.com/api/json/v3/domain/listAll
URI Endpoint Example: https://api.porkbun.com/api/json/v3/domain/listAll
JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY",
        "start": "1",
        "includeLabels": "yes"
}
JSON Response Example
{
        "status": "SUCCESS",
        "domains": [
                {
                        "domain": "borseth.ink",
                        "status": "ACTIVE",
                        "tld": "app",
                        "createDate": "2018-08-20 17:52:51",
                        "expireDate": "2023-08-20 17:52:51",
                        "securityLock": "1",
                        "whoisPrivacy": "1",
                        "autoRenew": 0,
                        "notLocal": 0,
                        "labels": [
                                 {
                                         "id": "27240",
                                         "title": "cool",
                                         "color": "#ff9e9e"
                                },
                                 {
                                         "id": "27241",
                                         "title": "silly",
                                         "color": "#f00000"
                                }
                        ]
                }
        ]
}
```

Domain Add URL Forward

Add URL forward for a domain.

Command Element Descriptions

secretapikey

Your secret API key.

apikey

Your API key.

• subdomain - optional

A subdomain that you would like to add URL forwarding for. Leave this blank to forward the root domain.

location

Where you'd like to forward the domain to.

• type

The type of forward. Valid types are: temporary or permanent

includePath

Whether or not to include the URI path in the redirection. Valid options are yes or no.

wildcard

Also forward all subdomains of the domain. Valid options are yes or no.

Response Element Descriptions

• status

A status indicating whether or not the command was successfuly processed.

```
URI Endpoint: https://api.porkbun.com/api/json/v3/domain/addUrlForward/DOMAIN
URI Endpoint Example: https://api.porkbun.com/api/json/v3/domain/addUrlForward/borseth.ink
JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY",
        "subdomain": "",
        "location": "https://porkbun.com",
        "type": "temporary",
        "includePath": "no",
        "wildcard": "yes"
}
JSON Response Example
{
        "status": "SUCCESS"
}
```

Domain Get URL Forwarding

Get URL forwarding for a domain.

Command Element Descriptions

secretapikey

Your secret API key.

apikey

Your API key.

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

forwards

An array of forwarding records for the domain.

```
URI Endpoint: https://api.porkbun.com/api/json/v3/domain/getUrlForwarding/DOMAIN
URI Endpoint Example: https://api.porkbun.com/api/json/v3/domain/getUrlForwarding/borseth.
JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY"
}
JSON Response Example
{
        "status": "SUCCESS",
        "forwards": [
                {
                        "id": "22049216",
                        "subdomain": "",
                        "location": "https://porkbun.com",
                        "type": "temporary",
                        "includePath": "no",
                        "wildcard": "yes"
                },
                        "id": "22049209",
                        "subdomain": "blog",
                        "location": "https://blog.porkbun.com",
                        "type": "temporary",
                        "includePath": "no",
                        "wildcard": "yes"
                }
        ]
}
```

Domain Delete URL Forward

Delete a URL forward for a domain.

Command Element Descriptions

- secretapikey
 Your secret API key.
- apikey

Your API key.

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

Example

```
URI Endpoint: https://api.porkbun.com/api/json/v3/domain/deleteUrlForward/DOMAIN/RECORD ID

URI Endpoint Example: https://api.porkbun.com/api/json/v3/domain/deleteUrlForward/borseth.

JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY"
}

JSON Response Example
{
        "status": "SUCCESS"
}
```

Domain Check

Check a domain's availability. Please note that domain checks are rate limited and you will be notified of your limit when you cross it.

Command Element Descriptions

secretapikey

Your secret API key.

apikey

Your API key.

Response Element Descriptions

- status
 - A status indicating whether or not the command was successfuly processed.
- response

The availability response.

```
URI Endpoint: https://api.porkbun.com/api/json/v3/domain/checkDomain/DOMAIN
URI Endpoint Example: https://api.porkbun.com/api/json/v3/domain/checkDomain/example.com
JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY"
}
JSON Response Example
{
        "status": "SUCCESS",
        "response": {
                "avail": "no",
                "type": "registration",
                "price": "1.01",
                "firstYearPromo": "yes",
                "regularPrice": "11.82",
                "premium": "no",
                "additional": {
                        "renewal": {
                                "type": "renewal",
                                "price": "11.82",
                                "regularPrice": "11.82"
                        },
                        "transfer": {
                                "type": "transfer",
                                "price": "11.82",
                                "regularPrice": "11.82"
                        }
                }
        },
        "limits": {
                "TTL": "10",
                "limit": "1",
                "used": 1,
                "naturalLanguage": "1 out of 1 checks within 10 seconds used."
        }
}
```

DNS Create Record

Create a DNS record.

Command Element Descriptions

secretapikey

Your secret API key.

apikey

Your API key.

• name - optional

The subdomain for the record being created, not including the domain itself. Leave blank to create a record on the root domain. Use * to create a wildcard record.

• type

The type of record being created. Valid types are: A, MX, CNAME, ALIAS, TXT, NS, AAAA, SRV, TLSA, CAA, HTTPS, SVCB

content

The answer content for the record. Please see the DNS management popup from the domain management console for proper formatting of each record type.

• ttl - optional

The time to live in seconds for the record. The minimum and the default is 600 seconds.

• prio - optional

The priority of the record for those that support it.

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

id

The ID of the record created.

```
URI Endpoint: https://api.porkbun.com/api/json/v3/dns/create/DOMAIN
URI Endpoint Example: https://api.porkbun.com/api/json/v3/dns/create/borseth.ink
JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY",
        "name": "www",
        "type": "A",
        "content": "1.1.1.1",
        "ttl": "600"
}
JSON Response Example
{
        "status": "SUCCESS",
        "id": "106926659"
}
```

DNS Edit Record by Domain and ID

Edit a DNS record.

Command Element Descriptions

secretapikey

Your secret API key.

apikey

Your API key.

• name - optional

The subdomain for the record being created, not including the domain itself. Leave blank to create a record on the root domain. Use * to create a wildcard record.

type

The type of record being created. Valid types are: A, MX, CNAME, ALIAS, TXT, NS, AAAA, SRV, TLSA, CAA, HTTPS, SVCB

content

The answer content for the record. Please see the DNS management popup from the domain management console for proper formatting of each record type.

- ttl optional
 The time to live in seconds for the record. The minimum and the default is 600 seconds.
- prio optional
 The priority of the record for those that support it.

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

Example

DNS Edit Record by Domain, Subdomain and Type

Edit all records for the domain that match a particular subdomain and type.

Command Element Descriptions

- secretapikey
 - Your secret API key.
- apikey

Your API key.

content

The answer content for the record. Please see the DNS management popup from the domain management console for proper formatting of each record type.

• ttl - optional

The time to live in seconds for the record. The minimum and the default is 600 seconds.

• prio - optional

The priority of the record for those that support it.

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

Example

```
URI Endpoint: https://api.porkbun.com/api/json/v3/dns/editByNameType/DOMAIN/TYPE/[SUBDOMAI

URI Endpoint Example: https://api.porkbun.com/api/json/v3/dns/editByNameType/borseth.ink/A

JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY",
        "content": "1.1.1.2",
        "ttl": "600"
}

JSON Response Example
{
        "status": "SUCCESS"
}
```

DNS Delete Record by Domain and ID

Delete a specific DNS record.

Command Element Descriptions

secretapikey

```
Your secret API key.
```

apikey

Your API key.

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

Example

```
URI Endpoint: https://api.porkbun.com/api/json/v3/dns/delete/DOMAIN/ID

URI Endpoint Example: https://api.porkbun.com/api/json/v3/dns/delete/borseth.ink/106926659

JSON Command Example
{
         "secretapikey": "YOUR_SECRET_API_KEY",
          "apikey": "YOUR_API_KEY"
}

JSON Response Example
{
         "status": "SUCCESS"
}
```

DNS Delete Records by Domain, Subdomain and Type

Delete all records for the domain that match a particular subdomain and type.

Command Element Descriptions

secretapikey

Your secret API key.

apikey

Your API key.

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

Example

DNS Retrieve Records by Domain or ID

Retrieve all editable DNS records associated with a domain or a single record for a particular record ID.

Command Element Descriptions

secretapikey

Your secret API key.

apikey

Your API key.

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

records

An array of DNS records.

```
URI Endpoint: https://api.porkbun.com/api/json/v3/dns/retrieve/DOMAIN/ID
  URI Endpoint w/ ID: https://api.porkbun.com/api/json/v3/dns/retrieve/DOMAIN/ID
  URI Endpoint Example: https://api.porkbun.com/api/json/v3/dns/retrieve/borseth.ink
  URI Endpoint Example w/ ID: https://api.porkbun.com/api/json/v3/dns/retrieve/borseth.ink
JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY"
}
JSON Response Example
{
        "status": "SUCCESS",
        "records": [
                {
                        "id": "106926652",
                        "name": "borseth.ink",
                        "type": "A",
                        "content": "1.1.1.1",
                        "ttl": "600",
                        "prio": "0",
                        "notes": ""
                },
                        "id": "106926659",
                        "name": "www.borseth.ink",
                        "type": "A",
                        "content": "1.1.1.1",
                        "ttl": "600",
                        "prio": "0",
                        "notes": ""
                }
        1
}
JSON Response Example w/ ID
{
        "status": "SUCCESS",
        "records": [
                {
```

```
"id": "106926652",

"name": "borseth.ink",

"type": "A",

"content": "1.1.1.1",

"ttl": "600",

"prio": "0",

"notes": ""

}

]
```

DNS Retrieve Records by Domain, Subdomain and Type

Retrieve all editable DNS records associated with a domain, subdomain and type.

Command Element Descriptions

- secretapikey
 - Your secret API key.
- apikey

Your API key.

Response Element Descriptions

• status

A status indicating whether or not the command was successfuly processed.

• records

An array of DNS records.

```
URI Endpoint: https://api.porkbun.com/api/json/v3/dns/retrieveByNameType/DOMAIN/TYPE/[SU
 URI Endpoint Example: https://api.porkbun.com/api/json/v3/dns/retrieveByNameType/borseth
JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY"
}
JSON Response Example
{
        "status": "SUCCESS",
        "records": [
                {
                        "id": "106926659",
                        "name": "www.borseth.ink",
                        "type": "A",
                        "content": "1.1.1.1",
                        "ttl": "600",
                        "prio": "0",
                        "notes": ""
                }
        1
}
```

DNSSEC Create Record

Create a DNSSEC record at the registry. Please note that DNSSEC creation differs at the various registries and some elements may or may not be required. Most often the max sig life and key data elements are not required.

Command Element Descriptions

```
    secretapikey
        Your secret API key.
```

- apikey
 Your API key.
- keyTag



• alg

DS Data Algorithm

digestType

Digest Type

• digest

Digest

• maxSigLife

Max Sig Life

keyDataFlags

Key Data Flags

keyDataProtocol

Key Data Protocol

keyDataAlgo

Key Data Algorithm

keyDataPubKey

Key Data Public Key

Response Element Descriptions

• status

A status indicating whether or not the command was successfuly processed.

```
URI Endpoint: https://api.porkbun.com/api/json/v3/dns/createDnssecRecord/DOMAIN
URI Endpoint Example: https://api.porkbun.com/api/json/v3/dns/createDnssecRecord/borseth.i
JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY",
        "keyTag": "64087",
        "alg": "13",
        "digestType": "2",
        "digest": "15E445BD08128BDC213E25F1C8227DF4CB35186CAC701C1C335B2C406D5530DC",
        "maxSigLife": "",
        "keyDataFlags": "",
        "keyDataProtocol": "",
        "keyDataAlgo": "",
        "keyDataPubKey": ""
}
JSON Response Example
{
        "status": "SUCCESS"
}
```

DNSSEC Get Records

Get the DNSSEC records associated with the domain at the registry.

Command Element Descriptions

```
    secretapikey
        Your secret API key.
```

apikey
 Your API key.

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

records

The DNSSEC records pulled from the registry.

Example

```
URI Endpoint: https://api.porkbun.com/api/json/v3/dns/getDnssecRecords/DOMAIN
URI Endpoint Example: https://api.porkbun.com/api/json/v3/dns/getDnssecRecords/borseth.ink
JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY"
}
JSON Response Example
{
        "status": "SUCCESS",
        "records": {
                "64087": {
                        "keyTag": "64087",
                        "alg": "13",
                        "digestType": "2",
                        "digest": "15E445BD08128BDC213E25F1C8227DF4CB35186CAC701C1C335B2C4
                },
                "64086": {
                        "keyTag": "64086",
                        "alg": "13",
                        "digestType": "2",
                        "digest": "85E445BD08128BDC213E25F1C8227DF4CB35186CAC701C1C335B2C4
                }
        }
}
```

DNSSEC Delete Record

Delete a DNSSEC record associated with the domain at the registry. Please note that most registries will delete all records with matching data, not just the record with the matching key tag.

Command Element Descriptions

secretapikey

Your secret API key.

apikey
 Your API key.

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

Example

```
URI Endpoint: https://api.porkbun.com/api/json/v3/dns/deleteDnssecRecord/DOMAIN/KEYTAG

URI Endpoint Example: https://api.porkbun.com/api/json/v3/dns/deleteDnssecRecord/borseth.i

JSON Command Example
{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY"
}

JSON Response Example
{
        "status": "SUCCESS"
}
```

SSL Retrieve Bundle by Domain

Retrieve the SSL certificate bundle for the domain.

Command Element Descriptions

secretapikey

Your secret API key.

apikey

Your API key.

Response Element Descriptions

status

A status indicating whether or not the command was successfuly processed.

certificatechain

The complete certificate chain.

privatekey

The private key.

publickey

The public key.

Example

```
URI Endpoint: https://api.porkbun.com/api/json/v3/ssl/retrieve/DOMAIN

URI Endpoint Example: https://api.porkbun.com/api/json/v3/ssl/retrieve/borseth.ink

JSON Command Example

{
        "secretapikey": "YOUR_SECRET_API_KEY",
        "apikey": "YOUR_API_KEY"
}

JSON Response Example

{
        "status": "SUCCESS",
        "certificatechain": "----BEGIN CERTIFICATE-----\n...---END CERTIFICATE-----\n\n-
        "privatekey": "-----BEGIN PRIVATE KEY-----\n...-END PRIVATE KEY-----\n",
        "publickey": "-----BEGIN PUBLIC KEY-----\n...-END PUBLIC KEY-----\n"
}
```



Porkbun is an amazingly awesome ICANN accredited domain name registrar based out of the Pacific Northwest. We're different, we're easy, and we're affordable. Use us, you won't be sorry. If you don't use us we'll be sad, but we'll still love you.

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sign@up.now OINK 21370 SW Langer Farms Parkway, Suite 142-429 Sherwood, OR 97140, US ? If you're looking for support, you might be able to answer your own question using our Knowledge Base (https://kb.porkbun.com/). Reach our USA-Based support team: 1.855.PORKBUN (1.855.767.5286) 6AM - 5PM Pacific Time, Mon - Fri 9AM - 5PM Pacific Time, Sat - Sun Other Hours: Your mileage may vary, but give it a whirl support@porkbun.com \bowtie

PRODUCTS

Domain Names (/products/domains) Greatest Deals (/products/deals)

Local Marketplace (/marketplace)

Local Auctions (/auctions)

3rd Party Aftermarket (/aftermarket)

Web Hosting

(/products/web_hosting)

Easy WordPress

(/products/webhosting/managedWordPress) Domain Search (/checkout/search)

Easy PHP

(/products/webhosting/managedPHP)

Static Hosting

(/products/webhosting/staticHosting)

Link In Bio

(/products/webhosting/managedLinks)

cPanel Hosting

(/products/webhosting/cPanelHosting)

Email Hosting (/products/email)

WHOIS Privacy

(/products/whois_privacy)

DNS Management

(/products/dns_management)

SSL Certificates (/products/ssl)

Email Forwarding

(/products/email_forwarding)

URL Forwarding

(/products/url_forwarding)

Domain Transfer (/transfer)

SUPPORT

Contact Us Knowledge Base (http://kb.porkbun.com)

Payment Options

(/support/payment_options) Report Abuse (/abuse)

TOOLS

RDAP (WHOIS) (/whois) Password Generator (/tools/password) Service Status

(https://status.porkbun.com)

Don't like our name? (/single-

tear.html)

The Buniverse (/buniverse.html)

OUR COMPANY

About Us (/about) Our Official Blog

(https://blog.porkbun.com)

Careers (/careers) Branding Guidelines (http://porkbun.design/)___ Policies and Legal (/legal)

Privacy Policy

(/legal/agreement/privacy_policy)

Bug Bounty Program (/products/bug_bounty) Awesomeness (/awesome)

ACCOUNT

Settings / Billing (/account) View Orders (/account/orders) API Access (/account/api) Simple Domain List

(/account/domainList) <u>Logout</u>

<u>Handshake Names (/handshake)</u>	
API Access	
<u>(/api/json/v3/documentation)</u>	
(https://www.instagram.com/porkbundomains/) [https://github.com/porkbundomains/]	
	(/support/payment_options)
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