

cPanel API 2 Functions - ZoneEdit::fetchzones

Guide to cPanel API 2

Return Data

Filter and Sort Output

Paginate Output

Output Columns

Calls from the WHM API

cPanel Tags (deprecated)

Description

This function fetches all of the account's zone files.

Warning:

We **strongly** recommend that you use [UAPI](#) instead of cPanel API 2. However, no equivalent UAPI function exists.

Important:

In cPanel & WHM version 76 and later, when you disable the DNS role, the system **disables** this function. For more information, read our [How to Use Server Profiles](#) documentation.

Examples

AddonDomain

WHM API (JSON)

```
https://hostname.example.com:2087/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=user&cpanel_jsonapi_api_version=2&cpanel_jsonapi_module=ZoneEdit&cpanel_jsonapi_func=fetchzones
```

Note:

For more information, read our [Calls from the WHM API](#) documentation.

Function information

About this module

The ZoneEdit module manages DNS zone files and records.

- AddonDomain: addomain
- AddonDomain: deladdondomain
- AddonDomain: listaddondomains
- Backups: listfullbackups
- Bandwidth: addhttpbandwidth
- Bandwidth: getbwdata
- Bandwidth: gethourlyaveragebwoveryear
- BoxTrapper: accountmanagelist
- Branding: addbrandingobj
- Branding: applist
- Branding: brandingeditor
- Branding: createpkg
- Branding: cssmerge
- Branding: delbrandingobj
- Branding: delpkg
- Branding: gensprites

Branding:: getbrandingpkg

Branding:: getbrandingpkgstatus

Branding:: getdefaultbrandingpkg

Branding:: installbrandingpkgs

Branding:: installimages

Branding:: killimages

Branding:: listingtypes

Branding:: listobjecttypes

Branding:: preloadconf

Branding:: resetall

Branding:: resetscripts

Branding:: resethtml

Branding:: resolve_file

Branding:: resolveocalcss

Branding:: saveocalcss

Branding:: setbrandingpkgstatus

Branding:: showpackages

Branding:: spritelist

▼ CSVImport

CSVImport:: columnchoices

CSVImport:: configimport

CSVImport:: data

CSVImport:: fetchimportdata

CSVImport:: isenabled

CSVImport:: loaddata

CSVImport:: processdata

CSVImport:: sendcontact

CSVImport:: uploadimport

▼ LiveAPI PHP Class

```
$cpanel = new  
CPANEL(); // Connect  
to cPanel - only do  
this once.
```

```
// Fetch all zones  
for the account.  
$highwaytothedanger =  
$cpanel->api2(  
    'ZoneEdit',  
    'fetchzones'  
);
```

Note:

For more information, read our [Guide to the LiveAPI System](#).

▼ LiveAPI Perl Module

```
my $cpliveapi =  
Cpanel::LiveAPI->new(  
); # Connect to  
cPanel - only do this  
once.
```

```
# Fetch all zones for  
the account.  
my  
$highwaytothedanger =  
$cpliveapi->api2(  
    'ZoneEdit',  
    'fetchzones',  
);
```

Note:

For more information, read our [Guide to the LiveAPI System](#).

About cPanel API 2

cPanel API 2 accesses and modifies data for cPanel accounts.

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Find a function

-

- ▼ Contactus
 - Contactus:: isenab
led
 - Contactus:: sendc
ontact
- ▼ Cron
 - Cron:: add_line
 - Cron:: edit_line
 - Cron:: fetchcron
 - Cron:: get_email
 - Cron:: listcron
 - Cron:: remove_line
 - Cron:: set_email
- ▼ CustInfo
 - CustInfo:: contacte
mails
 - CustInfo:: contactp
refs
 - CustInfo:: display
ontactinfo
 - CustInfo:: savecon
tactinfo
- ▼ DBmap
 - DBmap:: status
 - DBmap:: version
- ▼ DKIMUI
 - DKIMUI:: available
 - DKIMUI:: getrecor
ds
 - DKIMUI:: install
 - DKIMUI:: installed
 - DKIMUI:: uninstall
- ▼ Denylp
 - Denylp:: listdenyip
s
- ▼ DiskCounter
 - DiskCounter:: disk
_counter
- ▼ DiskUsage
 - DiskUsage:: buildc
ache
 - DiskUsage:: clearc
ache
 - DiskUsage:: fetch_
raw_disk_usage
 - DiskUsage:: fetchd
iskusage
 - DiskUsage:: fetchd
iskusagewithextras

▼ cPanel Tag System (deprecated)

Warnings:

- In cPanel & WHM version 11.30 and later, cPanel tags are **deprecat ed**. We **strongly** recommend that you **only** use the [LiveAPI](#) system to call the cPanel APIs. Examples are **only** present in order to help developers move from the old cPanel tag system to our [LiveAPI](#).
- cPanel API 2 calls that use cPanel tags vary in code syntax and in their output.
- For more information, read our [Dep recated cPanel Tag Usage](#) docume ntation.

▼ Command Line

```
cpapi2
--user=username
ZoneEdit fetchzones
```

Notes:

- You **must** [URI-encode](#) values.
- username represents your account-level username.
- You **must** run the `--user=username` command.
- For more information and additional output options, read our [Guide to cPanel API 2](#) documentation or run the `cpapi2 --help` command.
- If you run CloudLinux™, you **must** use the full path of the `cpapi2` command:

```
/usr/local
/cpanel/bi
n/cpapi2
```

▼ Output (JSON)

```
{
  "cpanelresult": {
    "apiversion": 2,
    "func":
    "fetchzones",
    "data": [
      {
        "statusmsg":
```

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API
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Func
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Zone
Edit:
reset
zone
—
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functi
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reset
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zone
file to
its
origi
nal
state
.
- cPan
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API
2
Func
tions
-
Zone
Edit:
fetch
_cpa
nel_
gene
rated
_do
main
s —
This
functi
on
fetch
es
zone
files
that
cPan
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gene
rated
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- ▼ DnsLookup
 - DnsLookup:: name2ip
- ▼ DomainLookup
 - DomainLookup:: countbaseddomains
 - DomainLookup:: getbaseddomains
 - DomainLookup:: getdocroot
 - DomainLookup:: getdocroots
 - DomainLookup:: getmaindomain
- ▼ Email
 - Email:: accountname
 - Email:: adddomainforward
 - Email:: addforward
 - Email:: addmx
 - Email:: addpop
 - Email:: browseboxes
 - Email:: changemx
 - Email:: checkmaindiscard
 - Email:: clearpopcache
 - Email:: deletefilter
 - Email:: delforward
 - Email:: delmx
 - Email:: delpop
 - Email:: disablefilter
 - Email:: editquota
 - Email:: enablefilter
 - Email:: fetchautoreponder
 - Email:: fetchcharmaps
 - Email:: filteractions
 - Email:: filterlist
 - Email:: filtername
 - Email:: filterrules
 - Email:: get_archiving_configuration
 - Email:: get_archiving_default_configu

```

"Zones fetched",
    "status": 1,
    "zones": {

"example.com": [
    "; cPanel
first:11.47.0.9999
(update_time):1413486
447
Cpanel::ZoneFile::VER
SION:1.3
hostname:laurence.dev
.cpanel.net
latest:11.47.0.9999",
    "; Zone
file for
example.com",
    "$TTL
14400",

"example.com.\t86400\
tIN\tSOA\tns1.dev.cpa
nel.net.\tlaurence.si
mon.cpanel.net.\t(",
"\t\t\t\t\t\t\t20141016
07 ;Serial Number",

"\t\t\t\t\t\t\t86400
;refresh",

"\t\t\t\t\t\t\t7200
;retry",

"\t\t\t\t\t\t\t3600000
;expire",

"\t\t\t\t\t\t\t86400\t)
",
    "",

"example.com.\t86400\
tIN\tNS\tns1.dev.cpan
el.net.",

"example.com.\t86400\
tIN\tNS\tns2.dev.cpan
el.net.",
    "",
    "",

"example.com.\t14400\
tIN\tA\t10.215.214.95

```

- cPanel API 2 Functions - Zone Edit: get_zone_record - This function retrieves the domain's zone record.
- cPanel API 2 Modules - DnsLookup - The DnsLookup module accesses DNS functionality.

| | |
|------------------------------------|---|
| ration | , |
| Email: get_archiving_types | "example.com.\t14400\tIN\tAAAA\t2001:db8:1a34:56cf:0:0:0:0", |
| Email: get_default_email_quota | "localhost\t14400\tIN\tA\t127.0.0.1", |
| Email: get_email_signing | "localhost\t14400\tIN\tAAAA\t0:0:0:0:0:0:0:0:1", |
| Email: get_max_email_quota | "", |
| Email: getabsbrowse | "example.com.\t14400\tIN\tMX\t0\texample.com.", |
| Email: getalwaysaccept | "", |
| Email: getdiskusage | "example.com.\t14400\tIN\tMX\t0\texample.com.", |
| Email: getmxcheck | "", |
| Email: has_delegated_mailman_lists | "mail\t14400\tIN\tCNAMME\texample.com.", |
| Email: list_system_filter_info | "www\t14400\tIN\tCNAMME\texample.com.", |
| Email: listaliasbackups | "ftp\t14400\tIN\tA\t10.215.214.95", |
| Email: listautoresponders | "ftp\t14400\tIN\tAAAA\t2001:db8:1a34:56cf:0:0:0:0", |
| Email: listdefaultaddresses | "fish\t14400\tIN\tA\t10.215.214.95", |
| Email: listdomainforwards | "fish\t14400\tIN\tAAA\tA\t2001:db8:1a34:56cf:0:0:0:0", |
| Email: listfilterbackups | "default._domainkey.fish\t14400\tIN\tTXT\t\"v=DKIM1; k=rsa; p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDw5nw4NP1RsWXlfmIMzByDfOTl6QCZO/xJtrPZKskZF8/sU0zWGTqKUOErlyJfoJzMDUv3/zzjGswc2nEmYqxxoQZaBkN4QaS6MvJQxysAr+sK8C248/r9zMperQdhJedUvejtpFQHJwgqPHy1tQMxY37L7sQjdxmQ5WnQ1acXiWIDAQAB;\"", |
| Email: listmx | |
| Email: listmxs | |
| Email: listpops | |
| Email: listpopssingle | |
| Email: listpopswithdisk | |
| Email: listpopswithimage | |
| Email: loadfilter | |
| Email: passwdpop | |
| Email: reorderfilters | |

Email:: set_archiving_configuration

Email:: set_archiving_default_configuration

Email:: set_email_signing

Email:: setalwaysaccept

Email:: setdefaultaddress

Email:: setmxcheck

Email:: storefilter

Email:: tracefilter

▼ EmailTrack

EmailTrack:: search

EmailTrack:: stats

EmailTrack:: trace

▼ Encoding

Encoding:: get_encodings

Encoding:: guess_file

Encoding:: guess_file_opts

▼ FSTest

FSTest:: dirisempty

▼ Fileman

Fileman:: autocompletedir

Fileman:: fileop

Fileman:: getabsdir

Fileman:: getdir

Fileman:: getdiractions

Fileman:: getdiskinfo

Fileman:: geteditty

Fileman:: getfileactions

Fileman:: getpath

Fileman:: listfiles

Fileman:: mkdir

Fileman:: mkfile

Fileman:: savefile

```
"",
```

```
"cpanel\t14400\tIN\tA\t10.215.214.95",
```

```
"webdisk\t14400\tIN\tA\t10.215.214.95",
```

```
"whm\t14400\tIN\tA\t10.215.214.95",
```

```
"webmail.example.com\t14400\tIN\tA\t10.215.214.95"
```

```
]
```

```
}
```

```
}
```

```
],
```

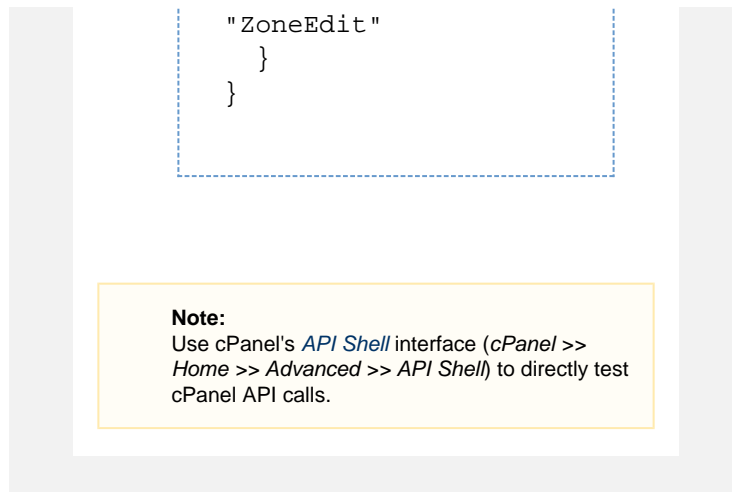
```
"event": {
```

```
  "result": 1
```

```
},
```

```
"module":
```

- Fileman:: [search](#)
- Fileman:: [staffiles](#)
- Fileman:: [uploadfiles](#)
- Fileman:: [viewfile](#)
- ForcePassword
 - ForcePassword:: [get_force_password_flags](#)
 - ForcePassword:: [update_force_password_flags](#)
- Frontpage
 - Frontpage:: [fpenabled](#)
 - Frontpage:: [list](#)
- Ftp
 - Ftp:: [addftp](#)
 - Ftp:: [delftp](#)
 - Ftp:: [listftp](#)
 - Ftp:: [listftpsessions](#)
 - Ftp:: [listftpwithdisk](#)
 - Ftp:: [passwd](#)
 - Ftp:: [setquota](#)
- Gpg
 - Gpg:: [listgpgkeys](#)
 - Gpg:: [listsecretgpgkeys](#)
 - Gpg:: [number_of_private_keys](#)
 - Gpg:: [number_of_public_keys](#)
- Htaccess
 - Htaccess:: [listuser](#)
 - Htaccess:: [listusers](#)
- HttpUtils
 - HttpUtils:: [getdirindices](#)
- ImageManager
 - ImageManager:: [thumbnail](#)
- LVEInfo
 - LVEInfo:: [getUsage](#)
- LangMods
 - LangMods:: [getarcname](#)
 - LangMods:: [getkey](#)



Parameters

This function does not accept parameters.

Returns

| Return | Type | Description | Possible values | Example |
|-----------|----------------|---|---|---|
| statusmsg | <i>string</i> | A status message from the DNS server. | A string. | <ul style="list-style-type: none"> Click to view... Bind reloading on hostname using rndc zone: [example.com]\n |
| status | <i>Boolean</i> | Whether the function succeeded. | <ul style="list-style-type: none"> • 1 — The function succeeded. • 0 — The function failed. | 1 |
| zones | <i>hash</i> | An array of hashes that represent each line in a zone file. | This parameter contains the domain name array. | |

LangMods:: getpre
fix

LangMods:: install

LangMods:: langlis
t

LangMods:: list_av
ailable

LangMods:: list_in
stalled

LangMods:: magic
_status

LangMods:: pre_ru
n

LangMods:: search

LangMods:: setup

LangMods:: uninst
all

LangMods:: updat
e

▼ LeechProtect

LeechProtect:: set
up

▼ Locale

Locale:: get_encod
ing

Locale:: get_html_
dir_attr

Locale:: get_locale
_name

Locale:: get_user_
ocale

Locale:: get_user_
ocale_name

Locale:: numf

▼ Logaholic

Logaholic:: adduse
r

Logaholic:: adduse
rprofile

Logaholic:: deleteu
ser

Logaholic:: deleteu
serprofile

Logaholic:: edituse
r

Logaholic:: fetchus
er

Logaholic:: listuser
profiles

Logaholic:: logahol
iclink

| | | | | |
|----------------|----------------|--|--|---------------------------------|
| domain name | <i>array</i> | The domain's zone file. Note : The dom ain nam e is the retur n's nam e. The function returns this value in the zon es hash. | A valid domain name. | example.com |
| reason | <i>string</i> | A reason for failure. Note : This func tion only retur ns a rea son valu e if it faile d. | A string that describes the error. | This is an error message. |
| result | <i>Boolean</i> | Whether the function succeeded. | <ul style="list-style-type: none"> • 1 — The function succeeded • 0 — The function failed. | 1 |

Logaholic:: proces
sstats

▼ Mime

Mime:: list_hotlinks

Mime:: listhandlers

Mime:: listmime

Mime:: listredirects

Mime:: redirectname

Mime:: redirecturlname

▼ MysqlFE

MysqlFE:: authorizehost

MysqlFE:: change
dbuserpassword

MysqlFE:: created
b

MysqlFE:: created
buser

MysqlFE:: dbuserexists

MysqlFE:: deauthorizehost

MysqlFE:: deleted
b

MysqlFE:: deleted
buser

MysqlFE:: getalldb
sinfo

MysqlFE:: getalldb
usersanddbs

MysqlFE:: getdatabasesprivileges

MysqlFE:: getdatabases

MysqlFE:: gethosts

MysqlFE:: getmysqlprivileges

MysqlFE:: getmysqlserverprivileges

MysqlFE:: has_my
cnf_for_cpuser

MysqlFE:: listdbs

MysqlFE:: listdatabasesackup

MysqlFE:: listhosts

MysqlFE:: listusers

MysqlFE:: listusers
indb

MysqlFE:: revoked
buserprivileges

MysqlFE:: setdbus
erprivileges

MysqlFE:: userdbp
rivs

▼ MysqlOptimizer

MysqlOptimizer:: f
etch_slow_queries

▼ NVData

NVData:: get

NVData:: set

NVData:: setall

▼ Net

Net:: dnszone

Net:: traceroute

▼ News

News:: does_news
_exist

News:: does_news
_type_exist

News:: get_news

▼ PHPINI

PHPINI:: getallopti
ons

PHPINI:: getoption
s

▼ Park

Park:: listaddondo
mains

Park:: listparkeddo
mains

Park:: park

Park:: unpark

▼ Passwd

Passwd:: change_
password

Passwd:: set_dige
st_auth

▼ PasswdStrength

PasswdStrength::
appstrengths

PasswdStrength::
get_password_stre
ngth

PasswdStrength::
get_required_stren
gth

▼ Postgres

Postgres:: listdbs

Postgres:: listusers

Postgres:: listusers
indb

Postgres:: userexi
sts

▼ Rand

Rand:: getranddat
a

▼ Resellers

Resellers:: get_su
b_accounts

▼ RoR

RoR:: addapp

RoR:: changeapp

RoR:: importrails

RoR:: listapps

RoR:: listrewrites

RoR:: needsimport

RoR:: removeapp

RoR:: removerewri
te

RoR:: restartapp

RoR:: setuprewrite

RoR:: softrestartap
p

RoR:: startapp

RoR:: stopapp

▼ SetLang

SetLang:: setlocale

▼ SourceIPCheck

SourceIPCheck:: a
ddip

SourceIPCheck:: d
elip

SourceIPCheck:: g
etaccount

SourceIPCheck:: li
stips

SourceIPCheck:: l
oadsecquestions

SourceIPCheck:: r
esetsecquestions

SourceIPCheck:: s
amplequestions

SourceIPCheck:: s
avesecquestions

▼ SPFUJ

SPFUJ:: available

SPFUJ:: count_sett
ings

SPFUI:: entries_co
mplete

SPFUI:: get_raw_r
ecord

SPFUI:: getmainse
rverip

SPFUI:: install

SPFUI:: installed

SPFUI:: list_settin
gs

SPFUI:: load_curr
ent_values

SPFUI:: uninstall

▼ SSH

SSH:: authkey

SSH:: converttopp
k

SSH:: delkey

SSH:: fetchkey

SSH:: genkey

SSH:: genkey_leg
acy

SSH:: importkey

SSH:: listkeys

▼ SSL

SSL:: fetchcabundl
e

SSL:: fetchinfo

SSL:: genctr

SSL:: gencsr

SSL:: genkey

SSL:: getcnname

SSL:: installssl

SSL:: listcrts

SSL:: listcsrs

SSL:: listkeys

SSL:: listsslitems

SSL:: uploadcrt

SSL:: uploadkey

▼ SSLInfo

SSLInfo:: fetchinfo

▼ StatCache

StatCache:: clearc
ache

▼ Stats

Stats:: getmonthly

bandwidth

Stats:: getmonthly
domainbandwidth

Stats:: getthismont
hsbwusage

Stats:: lastapache
hits

Stats:: lastvisitors

Stats:: listanalog

Stats:: listawstats

Stats:: listlastvisito
rs

Stats:: listrawlogs

Stats:: listurchin

Stats:: listwebalize
r

▼ StatsBar

StatsBar:: getrowc
ounter

StatsBar:: rowcoun
ter

StatsBar:: setrowc
ounter

StatsBar:: stat

▼ SubDomain

SubDomain:: adds
ubdomain

SubDomain:: chan
gedocroot

SubDomain:: delsu
bdomain

SubDomain:: getre
servedsubdomains

SubDomain:: listsu
bdomains

SubDomain:: validr
egex

▼ Themes

Themes:: apply_n
ew_theme

Themes:: does_cp
anel_theme_exist

Themes:: get_avail
able_themes

Themes:: get_the
mes_list

Themes:: restore_
saved_theme

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UI:: dynamicinclud
elist

UI:: includelist

UI:: listform

UI:: paginate

UI:: paginate_list

▼ UserHttpUtils

UserHttpUtils:: get
dirindices

▼ WebDisk

WebDisk:: addweb
disk

WebDisk:: delweb
disk

WebDisk:: hasdige
st

WebDisk:: listwebd
isks

WebDisk:: passwd
webdisk

WebDisk:: set_dig
est_auth

WebDisk:: set_ho
mdir

WebDisk:: set_per
ms

WebDisk:: setstatu
s

▼ WebmailApps

WebmailApps:: list
webmailapps

▼ ZoneEdit

ZoneEdit:: add_zo
ne_record

ZoneEdit:: edit_zo
ne_record

ZoneEdit:: fetch_c
panel_generated_
domains

ZoneEdit:: fetchzo
ne

ZoneEdit:: fetchzo
ne_records

ZoneEdit:: fetchzo
nes

ZoneEdit:: get_zon
e_record

ZoneEdit:: remove
_zone_record

ZoneEdit:: resetzo
ne

