

# cPanel API 2 Functions - AddonDomain::listaddondomains

Guide to cPanel API 2

Return Data

Filter and Sort Output

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Output Columns

Calls from the WHM API

cPanel Tags  
(deprecated)

AddonDomain::addaddondomain

omain

AddonDomain::deladdondomain

AddonDomain::listaddondomains

## Backups

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## Bandwidth

Bandwidth::addhttpbandwidth

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Bandwidth::gethourlyaveragebwoveryear

## BoxTrapper

BoxTrapper::accountmanagelist

## Branding

Branding::addbrandingobj

Branding::applist

Branding::brandingeditor

Branding::createpkg

Branding::cssmerge

Branding::delbrandingobj

Branding::delpkg

Branding::gensprites

## Description

This function lists an account's addon domains.

### Warning:

We **strongly** recommend that you use the following [UAPI](#) function instead of this function:

- `DomainInfo::list_domains` — This function lists the cPanel account's domains.

## Examples

### WHM API (JSON)

AddonDomain

```
https://hostname.example.com:2087/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=user&cpanel_jsonapi_api_version=2&cpanel_jsonapi_module=AddonDomain&cpanel_jsonapi_func=listaddondomains&regex=username_example.com&return_https_redirect_status=1
```

### Note:

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

## Function information

## About this module

The AddonDomain module manages addon domains.

## About cPanel API 2

Branding:: getbrandingpkg

Branding:: getbrandingpkgstatus

Branding:: getdefaultbrandingpkg

Branding:: installbrandingpkgs

Branding:: installimages

Branding:: killimages

Branding:: listingtypes

Branding:: listobjecttypes

Branding:: preloadconf

Branding:: resetall

Branding:: resetscss

Branding:: resethtml

Branding:: resolvefile

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.
```

```
// List the account's  
addon domains.  
$list_addons =  
$cpanel->api2(  
    'AddonDomain',  
    'listaddondomains',  
    array(  
        'regex'  
=> 'rutabaga',  
  
    'return_https_redirect_status' => '1',  
    )  
);
```

#### Note:

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

cPanel API 2 accesses and modifies data for cPanel accounts.

#### Notes:

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• Ur  
mt  
us  
20  
or  
20  
)`  
20  
or  
20  
).

Find  
a  
function

- Contactus:: isenab led
    - Contactus:: sendcontact
  - Cron:: add\_line
    - Cron:: edit\_line
    - Cron:: fetchcron
    - Cron:: get\_email
    - Cron:: listcron
    - Cron:: remove\_line
    - Cron:: set\_email
  - CustInfo:: contactemails
    - CustInfo:: contactprefs
    - CustInfo:: displaycontactinfo
    - CustInfo:: savecontactinfo
  - DBmap:: status
    - DBmap:: version
  - DKIMUI:: available
    - DKIMUI:: getrecords
    - DKIMUI:: install
    - DKIMUI:: installed
    - DKIMUI:: uninstall
  - DenyIp:: listdenypis
  - DiskCounter:: disk\_counter
  - DiskUsage:: buildcache
    - DiskUsage:: clearcache
    - DiskUsage:: fetch\_raw\_disk\_usage
    - DiskUsage:: fetchdiskusage
    - DiskUsage:: fetchdiskusagewithextras

## LiveAPI Perl Module

```

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

# List the account's
addon domains.
my $list_addons =
$cpliveapi->api2(
    'AddonDomain',
    'listaddondomains',
    {
        'regex'
=> 'rutabaga',

'return_https_redirec
t_status' => '1',
    }
);

```

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

## cPanel Tag System (deprecated)

**Warnings:**

- In cPanel & WHM version 11.30 and later, cPanel tags are **deprecated**. 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 [Deprecated cPanel Tag Usage](#) documentation.

- cPanel API 2 Functions - DomainLookupgetdomains — This function lists parked domains (aliases), addondomains, and maindomains.
- cPanel API 2 Functions - DomainLookupgetmain — This function retrieves a cPanel account's main domain.

### ▼ DnsLookup

DnsLookup:: name  
2ip

### ▼ DomainLookup

DomainLookup:: c  
ountbaseddomains

DomainLookup:: g  
etbaseddomains

DomainLookup:: g  
etdocroot

DomainLookup:: g  
etdocroots

DomainLookup:: g  
etmaindomain

### ▼ Email

Email:: accountna  
me

Email:: adddomain  
forward

Email:: addforward

Email:: addmx

Email:: addpop

Email:: browsebox  
es

Email:: changemx

Email:: checkmain  
discard

Email:: clearpopca  
che

Email:: deletefilter

Email:: delforward

Email:: delmx

Email:: delpop

Email:: disablefilter

Email:: editquota

Email:: enablefilter

Email:: fetchautore  
sponder

Email:: fetchcharm  
aps

Email:: filteractions

Email:: filterlist

Email:: filtername

Email:: filterrules

Email:: get\_archivi  
ng\_configuration

Email:: get\_archivi  
ng\_default\_configu

### ▼ Command Line

```
cpapi2
--user=username
AddonDomain
listaddondomains
regex=rutabega
return_https_redirect
_status=1
```

#### 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":
    "listaddondomains",
    "data": [
      {
        "domain":
        "addondomain.com",
        "dir":
        "http://www.example.c
om/addondomain/home/d
ir",
        "reldir":
        "home:addondomain/hom
e/dir",
        "basedir":
        "addondomain/home/dir",
        "status":
```

- cPanel API 2 Functions - DomainLookup::getdocroot

This function retrieves a domain's document root file path.

- cPanel API 2 Functions - DomainLookup::getdocroots

This function retrieves all of the domains' document root file paths.

ration  
Email: get\_archiving\_types  
Email: get\_default\_email\_quota  
Email: get\_email\_signing  
Email: get\_max\_email\_quota  
Email: getabsbrowse\_dir  
Email: getalwaysaccept  
Email: getdiskusage  
Email: getmxcheck  
Email: has\_delegated\_mailman\_lists  
Email: list\_system\_filter\_info  
Email: listaliasbackups  
Email: listautoresponders  
Email: listdefaultaddresses  
Email: listdomainforwards  
Email: listfilterbackups  
Email: listfilters  
Email: listforwards  
Email: listlists  
Email: listmaildomains  
Email: listmx  
Email: listmxs  
Email: listpops  
Email: listpopssingle  
Email: listpopswithdisk  
Email: listpopswithimage  
Email: loadfilter  
Email: passwdpop  
Email: reorderfilters

```
"1",  
"is_https_redirecting"  
: "0",  
"can_https_redirect"  
: "0",  
  "all_aliases_valid"  
: "0",  
    "domainkey":  
"username_example.com",  
  "subdomain":  
"username",  
    "rootdomain":  
"example.com",  
"fullsubdomain":  
"username.example.com",  
"web_subdomain_aliases": "1"  
  }  
  {  
    "domain":  
"secondaddon.com",  
    "dir":  
"http://www.example.com/seconduser/dir/path",  
    "reldir":  
"home:seconduser/dir/path",  
    "basedir":  
"seconduser/dir/path",  
    "status":  
"1",  
"is_https_redirecting"  
: "0",  
"can_https_redirect"  
: "0",  
  "all_aliases_valid"  
: "0",  
    "domainkey":  
"seconduser_example.com",  
    "subdomain":  
"seconduser",  
    "rootdomain":
```

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

```
"example.com",
```

```
"fullsubdomain":
```

```
"seconduser.example.com"
```

```
"web_subdomain_aliases":
```

```
  "1"
```

```
  }
```

```
],
```

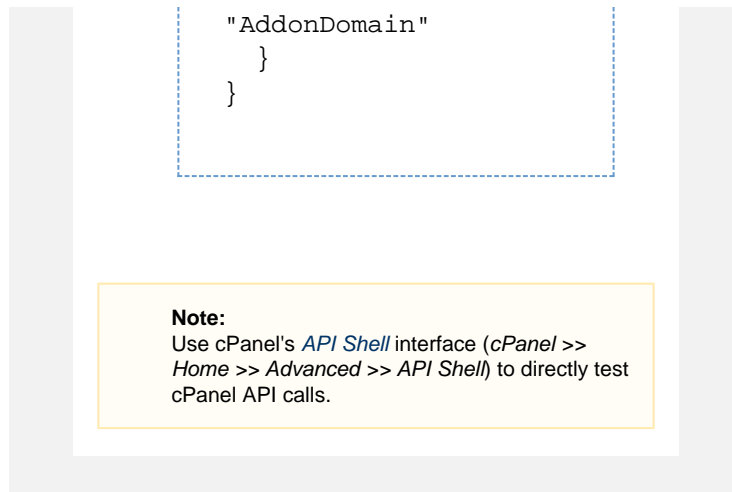
```
  "event": {
```

```
    "result": 1
```

```
  },
```

```
  "module":
```

- Fileman:: search
- Fileman:: statfiles
- 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:: listftpssessions
  - Ftp:: listftpwithdisk
  - Ftp:: passwd
  - Ftp:: setquota
- Gpg
  - Gpg:: listgpgkeys
  - Gpg:: listsecretgpgkeys
  - Gpg:: number\_of\_private\_keys
  - Gpg:: number\_of\_public\_keys
- Htaccess
  - Htaccess:: listusers
  - Htaccess:: listusers
- HttpUtils
  - HttpUtils:: getdirindices
- ImageManager
  - ImageManager:: thumbnail
- LVEInfo
  - LVEInfo:: getUsage
- LangMods
  - LangMods:: getarcname
  - LangMods:: getkey



## Parameters

Parameter	Type	Description	Possible values	Example
regex	string	<p>A Perl Compatible Regular Expression (PCRE) that filters the results by the domain key.</p> <p>If you do <b>not</b> enter a value for this parameter, the function returns <b>all</b> addon domains that exist on the server.</p>	A valid PCRE.	rutabaga
return_https_redirect_status	Boolean	<p>Whether to return the secure redirect status of the addon domains.</p> <div style="border: 1px solid yellow; padding: 5px; margin: 10px auto; width: fit-content;"> <p><b>Note</b> : We added this parameter in cPanel &amp; WHM version 80.</p> </div> <p>This parameter defaults to 0.</p>	<ul style="list-style-type: none"> <li>• 1 — Return status.</li> <li>• 0 — Do <b>not</b> return status.</li> </ul>	1

## Returns

LangMods:: getpre  
fix

LangMods:: install

LangMods:: langlist

LangMods:: list\_available

LangMods:: list\_installed

LangMods:: magic\_status

LangMods:: pre\_run

LangMods:: search

LangMods:: setup

LangMods:: uninstall

LangMods:: update

▼ LeechProtect

LeechProtect:: setup

▼ Locale

Locale:: get\_encoding

Locale:: get\_html\_dir\_attr

Locale:: get\_locale\_name

Locale:: get\_user\_locale

Locale:: get\_user\_locale\_name

Locale:: numf

▼ Logaholic

Logaholic:: adduser

Logaholic:: adduserprofile

Logaholic:: deleteuser

Logaholic:: deleteuserprofile

Logaholic:: edituser

Logaholic:: fetchuser

Logaholic:: listuserprofiles

Logaholic:: logaholiclink

Return	Type	Description	Possible values	Example
domain	<i>string</i>	The addon domain's name.	A valid domain name.	addondomain.com
dir	<i>string</i>	The absolute path to the addon domain's document root.	A valid absolute file path.	http://www.example.com/addondomain/home/dir
reldir	<i>string</i>	The path to the addon domain's document root, relative to the cPanel account's home directory.	A valid file path.	home:addondomain/home/dir
basedir	<i>string</i>	The relative path to the addon domain's document root.	A valid relative file path.	addondomain/home/dir
status	<i>Boolean</i>	Whether the addon domain is redirected.	<ul style="list-style-type: none"> <li>• 1 — The addon domain is redirected.</li> <li>• 0 — The addon domain is <b>not</b> redirected.</li> </ul>	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:: dbuser  
exists
  - MySQLFE:: deauthor  
izehost
  - MySQLFE:: deleted  
b
  - MySQLFE:: deleted  
buser
  - MySQLFE:: getalldb  
sinfo
  - MySQLFE:: getalldb  
usersanddbs
  - MySQLFE:: getdbuser  
privileges
  - MySQLFE:: getdbuser  
s
  - MySQLFE:: gethosts
  - MySQLFE:: getmys  
qlprivileges
  - MySQLFE:: getmys  
qlserverprivileges
  - MySQLFE:: has\_my  
cnf\_for\_cpuser
  - MySQLFE:: listdbs
  - MySQLFE:: listdbsb  
ackup
  - MySQLFE:: listhosts
  - MySQLFE:: listusers
  - MySQLFE:: listusers  
indb

is_https_redirecting	<i>Boolean</i>	Whether the domain redirects to https.	<ul style="list-style-type: none"> <li>• 1 — Redirects.</li> <li>• 0 — Does <b>not</b> redirect.</li> </ul>	0
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**Important:** This return only appears if you set the return\_https\_redirects\_status parameter to 1.

**Note:** We added this return in cPanel & WHM version 80.

MySQLFE:: revoked  
 buserprivileges  
  
 MySQLFE:: setdbu  
 serprivileges  
  
 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

<p>can_https_re direct</p>	<p><i>Boolean</i></p>	<p>Whether a valid SSL certificate or AutoSSL runs on the domain.</p> <div data-bbox="732 268 870 898" style="border: 1px solid red; padding: 5px;"> <p><b>Imp orta nt:</b> This retur n only appe ars if you set the r etu rn_ htt ps_ red ire cts _st atu s pa rame ter to 1.</p> </div> <div data-bbox="732 919 870 1308" style="border: 1px solid orange; padding: 5px;"> <p><b>Note</b> : We adde d this retur n in cPan el &amp; WH M versi on 80.</p> </div>	<ul style="list-style-type: none"> <li>• 1 — A valid SSL certificate exists or AutoSSL runs.</li> <li>• 0 — A valid SSL certificate does <b>not</b> e xist, and AutoSSL does not run.</li> </ul>	<p>0</p>
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- Postgres:: listusers indb
- Postgres:: userexists
- Rand:: getranddata
- Resellers:: get\_sub\_accounts
- RoR:: addapp
    - RoR:: changeapp
    - RoR:: importrails
    - RoR:: listapps
    - RoR:: listrewrites
    - RoR:: needsimport
    - RoR:: removeapp
    - RoR:: removerewrite
    - RoR:: restartapp
    - RoR:: setuprewrite
    - RoR:: softrestartapp
    - RoR:: startapp
    - RoR:: stopapp
- SetLang:: setlocale
- SourceIPCheck:: addip
  - SourceIPCheck:: delip
  - SourceIPCheck:: getaccount
  - SourceIPCheck:: listips
  - SourceIPCheck:: loadsecquestions
  - SourceIPCheck:: resetsecquestions
  - SourceIPCheck:: samplequestions
  - SourceIPCheck:: savesecquestions
- SPFUI:: available
  - SPFUI:: count\_settings

all_aliases_valid	<i>Boolean</i>	<p>Whether a valid SSL certificate exists on the domain's aliases.</p> <div style="border: 1px solid red; padding: 5px; margin: 5px 0;"> <p><b>Important:</b> This return only appears if you set the return_https_redirect_status parameter to 1.</p> </div> <div style="border: 1px solid orange; padding: 5px; margin: 5px 0;"> <p><b>Note:</b> We added this return in cPanel &amp; WHM version 80.</p> </div>	<ul style="list-style-type: none"> <li>• 1 — A valid SSL certificate exists on the aliases.</li> <li>• 0 — A valid SSL certificate does <b>not</b> exist on the aliases.</li> </ul>	0
domainkey	<i>string</i>	The addon domain's username and main domain.	A username, the underscore character (_), and the account's main domain.	username_example.com

- SPFUI:: entries\_complete
- SPFUI:: get\_raw\_record
- SPFUI:: getmainserverip
- SPFUI:: install
- SPFUI:: installed
- SPFUI:: list\_settings
- SPFUI:: load\_current\_values
- SPFUI:: uninstall
- SSH: authkey
  - SSH: converttopk
  - SSH: delkey
  - SSH: fetchkey
  - SSH: genkey
  - SSH: genkey\_legacy
  - SSH: importkey
  - SSH: listkeys
- SSL: fetchcertificate
  - SSL: fetchinfo
  - SSL: genctr
  - SSL: genscr
  - SSL: genkey
  - SSL: getcname
  - SSL: installssl
  - SSL: listctrls
  - SSL: listcsrs
  - SSL: listkeys
  - SSL: listsslitems
  - SSL: uploadctr
  - SSL: uploadkey
- SSLInfo: fetchinfo
- StatCache: clearcache
- Stats: getmonthly

subdomain	string	The addon domain's username.  <b>Note</b> : This return's value is also the addon domain's FTP username.	A valid username.	username
rootdomain	string	The main domain.	A valid domain name.	example.com
fullsubdomain	string	The addon domain's username and subdomain.	A username, a dot (.), and the account's main domain.	username.example.com
reason	string	A reason for failure.  <b>Note</b> : This function only return a reason value if an error occurs.	A string that describes the error.	This is an error message.
web_subdomain_aliases	Boolean	The type of subdomain alias.  <b>Note</b> : We added this return in cPanel & WHM version 60.	<ul style="list-style-type: none"> <li>• 1 — www subdomain</li> <li>• 0 — mail subdomain</li> </ul>	1

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

▼ UI

UI:: dynamicinclud  
elist

result	<i>Boolean</i>	Whether the function succeeded.	<ul style="list-style-type: none"><li>• 1 — The function succeeded.</li><li>• 0 — The function failed.</li></ul>	1
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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

