

cPanel API 2 Functions - SubDomain::changedocroot

Guide to cPanel API 2

Return Data

Filter and Sort Output

Paginate Output

Output Columns

Calls from the WHM API

cPanel Tags (deprecated)

AddonDomain:: adddondomain

omain

AddonDomain:: listaddondomain

AddonDomain:: listaddondomains

Backups

Backups:: listfullbackups

Bandwidth

Bandwidth:: addhttpbandwidth

Bandwidth:: getbwdata

Bandwidth:: gethourlyaveragebwoveryear

BoxTrapper

BoxTrapper:: accountmanagelist

Branding

Branding:: addbrandingobj

Branding:: applist

Branding:: brandingeditor

Branding:: createpkg

Branding:: cssmerge

Branding:: delbrandingobj

Branding:: delpkg

Description

This function changes a subdomain's document root.

Warning:

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

Examples

WHM API (JSON)

```
https://hostname.example.com:2087/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=user&cpanel_jsonapi_apiversion=2&cpanel_jsonapi_module=SubDomain&cpanel_jsonapi_func=changedocroot&subdomain=subdomain&rootdomain=example.com&dir=public_html%2Fnew_directory
```

Note:

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

Function information

About this module

The Sub Domain module manages subdomains.

Branding:: gensprites

Branding:: getbrandingpkg

Branding:: getbrandingpkgstatus

Branding:: getdefaultbrandingpkg

Branding:: installbrandingpkgs

Branding:: installimages

Branding:: killimages

Branding:: listingtypes

Branding:: listobjecttypes

Branding:: preloadconf

Branding:: resetall

Branding:: resetcss

Branding:: resethtml

Branding:: resolvefile

Branding:: resolvelocalcss

Branding:: savelocalcss

Branding:: setbrandingpkgstatus

Branding:: showpkgs

Branding:: spritelist

▼ CSVImport

CSVImport:: columnchoices

CSVImport:: configimport

CSVImport:: data

CSVImport:: fetchimportdata

CSVImport:: isenabled

CSVImport:: loaddata

CSVImport:: processdata

CSVImport:: sendcontact

▼ LiveAPI PHP Class

```
$cpanel = new  
CPANEL(); // Connect  
to cPanel - only do  
this once.  
  
// Change a  
subdomain's document  
root.  
$changedocroot =  
$cpanel->api2(  
    'SubDomain',  
    'changedocroot',  
    array(  
  
        'subdomain' => 'subdomain'  
        'rootdomain' => 'example.com'  
        'dir' =>  
            '/public_html/directo  
ry_name'  
    )  
);
```

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

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- CSVImport:: uploadimport
- Contactus:: isenabled
 - Contactus:: sendcontact
 - Cron:: add_line
 - Cron:: edit_line
 - Cron:: fetchcron
 - Cron:: get_email
 - Cron:: listcron
 - Cron:: remove_line
 - Cron:: set_email
 - CustInfo:: contactemails
 - CustInfo:: contactrefs
 - CustInfo:: displaycontactinfo
 - CustInfo:: savecontactinfo
 - DBmap:: status
 - DBmap:: version
 - DKIMUI:: available
 - DKIMUI:: getrecords
 - DKIMUI:: install
 - DKIMUI:: installed
 - DKIMUI:: uninstall
 - DenyIp:: listdenyips
 - DiskCounter:: disk_counter
 - DiskUsage:: buildcache
 - DiskUsage:: clearcache
 - DiskUsage:: fetch_raw_disk_usage
 - DiskUsage:: fetchdiskusage

LiveAPI Perl Module

```

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

# Change a
subdomain's document
root.
my $changedocroot =
$cpliveapi->api2(
    'SubDomain',
    'changedocroot',
    {
        'subdomain'
=> 'subdomain'
        'rootdomain'
=> 'example.com'
        'dir'
=>
'/public_html/directo
ry_name'
    }
);

```

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 - DomainLookup::getdomains — This function lists parked domains (aliases), add domains, and main domains.
- cPanel API 2 Functions - DomainLookup::getmaindomain — This function retrieves a cPanel account's main domain.

DiskUsage:: fetchd
iskusagewithextras

▼ 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

▼ Command Line

```
cpapi2  
--user=username  
SubDomain  
changedocroot  
subdomain=subdomain  
rootdomain=example.co  
m  
dir=%2Fpublic_html%2F  
directory_name
```

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
```

- cPanel API 2 Functions - DomainLookup::getdocroot - This function retrieves a domain's document root file path s.
- cPanel API 2 Functions - DomainLookup::getdocroots - This function retrieves all of the domains' document root file path s.

Email: `get_archiving_default_configuration`

Email: `get_archiving_types`

Email: `get_default_email_quota`

Email: `get_email_signing`

Email: `get_max_email_quota`

Email: `getabsbrowserdir`

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: `listpopswitchdisk`

Email: `listpopswitchimage`

Email: `loadfilter`

Email: `passwdpop`

Output (JSON)

```
{
  "cpanelresult": {
    "apiversion": 2,
    "func":
    "changedocroot",
    "data": [
      {
        "reason": "",
        "reldir":
        "public_html/new_directory",
        "result": 1,
        "dir":
        "/home/example/public_html/new_directory"
      }
    ],
    "event": {
      "result": 1
    },
    "module":
    "SubDomain"
  }
}
```

Note:

Use cPanel's *API Shell* interface (`cPanel >> Home >> Advanced >> API Shell`) to directly test cPanel API calls.

Parameters

Parameter	Type	Description	Possible values	Example
<code>subdomain</code>	<i>string</i>	Required The subdomain for which to change the document root.	A valid domain name.	<code>subdomain</code>
<code>rootdomain</code>	<i>string</i>	Required The main domain of the subdomain for which to change the document root.	A domain that already exists on the cPanel account.	<code>example.com</code>

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::autocomplete_dir](#)

[Fileman::fileop](#)

[Fileman::getabsdir](#)

[Fileman::getdir](#)

[Fileman::getdiractions](#)

[Fileman::getdiskinfo](#)

[Fileman::geteditty](#)

[Fileman::getfileactions](#)

[Fileman::getpath](#)

[Fileman::listfiles](#)

[Fileman::mkdir](#)

[Fileman::mkfile](#)

<code>dir</code>	<i>string</i>	Required The document root to which to move the subdomain.	A valid directory path, relative to the user's home directory.	<code>/public_html/ /directory_name</code>
------------------	---------------	--	--	--

Returns

Return	Type	Description	Possible values	Example
<code>reason</code>	<i>string</i>	A reason for failure. <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;">Note : This function only returns a reason value if there was an error.</div>	A string that describes the error.	This is an error message.
<code>reldir</code>	<i>string</i>	The path to the subdomain's document root, relative to the cPanel account's home directory.	A valid directory path, relative to the user's home directory.	<code>public_html/ new_directory</code>
<code>result</code>	<i>Boolean</i>	Whether the function succeeded.	<ul style="list-style-type: none">• 1 — The function succeeded.• 0 — The function failed.	1
<code>dir</code>	<i>string</i>	The absolute path to the subdomain's document root.	The absolute path to the add-on domain's document root.	<code>/home/example/public_html/new_directory</code>

Fileman:: savefile

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:: 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:: getarchname

LangMods:: **getkey**

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

Logaholic:: proces
sstats

▼ Mime

Mime:: list_hotlinks

Mime:: listhandlers

Mime:: listmime

Mime:: listredirects

Mime:: redirectna
me

Mime:: redirecturln
ame

▼ MysqlFE

MysqlFE:: authoriz
ehost

MysqlFE:: change
dbuserpassword

MysqlFE:: created
b

MysqlFE:: created
buser

MysqlFE:: dbusere
xists

MysqlFE:: deautho
rizehost

MysqlFE:: deleted
b

MysqlFE:: deleted
buser

MysqlFE:: getalldb
sinfo

MysqlFE:: getalldb
usersanddbs

MysqlFE:: getdbus
erprivileges

MysqlFE:: getdbus
ers

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

MysqlFE:: revoked
buserprivileges

MysqlFE:: setdbu
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:: userexists

▼ Rand

Rand:: getranddata

▼ Resellers

Resellers:: get_sub_accounts

▼ RoR

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

SetLang:: setlocale

▼ SourceIPCheck

SourceIPCheck:: addip

SourceIPCheck:: delip

SourceIPCheck:: getaccount

SourceIPCheck:: listips

SourceIPCheck:: loadsecquestions

SourceIPCheck:: resetsecquestions

SourceIPCheck:: samplequestions

SourceIPCheck:: savesecquestions

▼ SPFUI

SPFUI:: available

SPFUI:: count_settings

SPFUI:: entries_complete

SPFUI:: get_raw_record

SPFUI:: getmainserverip

SPFUI:: install

SPFUI:: installed

SPFUI:: list_settings

SPFUI:: load_current_values

SPFUI:: uninstall

▼ SSH

SSH:: authkey

SSH:: converttopk

SSH:: delkey

SSH:: fetchkey

SSH:: genkey

SSH:: genkey_legacy

SSH:: importkey

SSH:: listkeys

▼ SSL

SSL:: fetchcertificate

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:: clearcache

▼ Stats

- Stats:: getmonthly bandwidth
- Stats:: getmonthly domainbandwidth
- Stats:: getthismont hsbwusage
- Stats:: lastapache hits
- Stats:: lastvisitors
- Stats:: listanalog
- Stats:: listawstats
- Stats:: listlastvisitors
- Stats:: listrawlogs
- Stats:: listurchin
- Stats:: listwebalizer

▼ StatsBar

- StatsBar:: getrowcounter
- StatsBar:: rowcounter
- StatsBar:: setrowcounter
- StatsBar:: stat

▼ SubDomain

- SubDomain:: adds ubdomain
- SubDomain:: changedocroot
- SubDomain:: delsubdomain
- SubDomain:: getservedsubdomains
- SubDomain:: listsubdomains
- SubDomain:: validregex

▼ Themes

- Themes:: apply_new_theme
- Themes:: does_cpanel_theme_exist
- Themes:: get_available_themes
- Themes:: get_themes_list
- Themes:: restore_saved_theme

▼ UI

- UI:: dynamicincludelist
- UI:: includelist
- UI:: listform
- UI:: paginate
- UI:: paginate_list

▼ UserHttpUtils

- UserHttpUtils:: getdirindices

▼ WebDisk

- WebDisk:: addwebdisk
- WebDisk:: delwebdisk
- WebDisk:: hasdigest
- WebDisk:: listwebdisks
- WebDisk:: passwdwebdisk
- WebDisk:: set_digest_auth
- WebDisk:: set_home_dir
- WebDisk:: set_perms
- WebDisk:: setstatus

▼ WebmailApps

- WebmailApps:: listwebmailapps

▼ ZoneEdit

- ZoneEdit:: add_zone_record
- ZoneEdit:: edit_zone_record
- ZoneEdit:: fetch_cpanel_generated_domains
- ZoneEdit:: fetchzone
- ZoneEdit:: fetchzone_records
- ZoneEdit:: fetchzones
- ZoneEdit:: get_zone_record
- ZoneEdit:: remove_zone_record
- ZoneEdit:: resetzone

