

# cPanel API 2 Functions - MysqlFE::authorizehost

Guide to cPanel API 2

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Calls from the WHM API

cPanel Tags (deprecated)

AddonDomain  
main:: add  
daddond

omain

AddonDomain:: del  
addondomain

AddonDomain:: list  
addondomains

## 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

Branding:: gensprites

## Description

This function authorizes a host for remote access to the account's database.

### Warning:

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

- `Mysql::add_host` — This function authorizes a remote MySQL® host to access the account's databases.

### Important:

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

AddonDomain

## Examples

### WHM API (JSON)

```
https://hostname.example.com:2087/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=user&cpanel_jsonapi_api_version=2&cpanel_jsonapi_module=MysqlFE&cpanel_jsonapi_function=authorizehost&host=remote.example.com
```

### Note:

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

## Function information

## About this module

The MysqlFE module manages MySQL databases, users, and services.

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:: showpkgs

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.  
  
// Authorizes the  
"remote.example.com"  
remote host  
$authorize_host =  
$cpanel->api2(  
    'MySQLFE',  
    'authorizehost',  
    array(  
        'host' =>  
        'remote.example.com',  
    )  
);
```

#### 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.

#### Notes:

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- `us`
- `20`
- `or`
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- `).`
- `20`
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- `20`
- `).`

## Find a function

- Contactus:: isenab led
    - Contactus:: sendc ontact
  - Cron:: add\_line
    - Cron:: edit\_line
    - Cron:: fetchcron
    - Cron:: get\_email
    - Cron:: listcron
    - Cron:: remove\_line
    - Cron:: set\_email
  - CustInfo:: contacte mails
    - CustInfo:: contactp refs
    - CustInfo:: displayc ontactinfo
    - CustInfo:: savecon tactinfo
  - DBmap:: status
    - DBmap:: version
  - DKIMUI:: available
    - DKIMUI:: getrecor ds
    - DKIMUI:: install
    - DKIMUI:: installed
    - DKIMUI:: uninstall
  - DenyIp:: listdenyip s
  - DiskCounter:: disk \_counter
  - DiskUsage:: buildc ache
    - DiskUsage:: clearc ache
    - DiskUsage:: fetch\_ raw\_disk\_usage
    - DiskUsage:: fetchd iskusage
    - DiskUsage:: fetchd iskusagewithextras

## LiveAPI Perl Module

```

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

# Authorizes the
"remote.example.com"
remote host
my $authorize_host =
$cpliveapi->api2(
'MysqlFE',
'authorizehost',
{
'host' =>
'remote.example.com',
}
);

```

**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 **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.

- cPan el API 2 Mod ules - Mysql FE — The Mysql lFE mod ule man ages MyS QL® data base s, user s, and servi ces.
- cPan el API 2 Func tions - Mysql FE:: auth orize host — This functi on auth orize s a host for remo te acce ss to the acco unt's data base .

### ▼ DnsLookup

DnsLookup:: name  
2ip

### ▼ DomainLookup

DomainLookup:: c  
ountbaseddomains

DomainLookup:: g  
etbaseddomains

DomainLookup:: g  
etdocroot

DomainLookup:: g  
etdocroots

DomainLookup:: g  
etmaindomain

### ▼ Email

Email: accountna  
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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  
MysqlFE authorizehost  
host=remote.example.c  
om
```

#### 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":  
    "authorizehost",  
    "data": [  
      1  
    ],  
    "event": {  
      "result": 1  
    },  
    "module":  
    "MysqlFE"  
  }  
}
```

#### Note:

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

- cPanel API 2 Functions - MysqlFE:: changedbuserpassword - This function changes a database user's password.

- cPanel API 2 Functions - MysqlFE:: createedb - This function creates a database.

ration

Email: get\_archiving\_types

Email: get\_default\_email\_quota

Email: get\_email\_signing

Email: get\_max\_email\_quota

Email: getabsbrowsedir

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

## Parameters

Parameter	Type	Description	Possible values	Example
host	string	<b>Required</b> The remote hostname or IP address.	A valid hostname or IP address.  <b>Note</b> : You may use the following IP address formats: <ul style="list-style-type: none"><li>• 192.168.1.1</li></ul> <hr/> IP address.	remote.example.com

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

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- 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:: listusers
  - Htaccess:: listusers
- ▼ HttpUtils
  - HttpUtils:: getdirindices
- ▼ ImageManager
  - ImageManager:: thumbnail
- ▼ LVEInfo
  - LVEInfo:: getUsage
- ▼ LangMods
  - LangMods:: getarcname
  - LangMods:: getkey

			<ul style="list-style-type: none"> <li>• 1</li> <li>9</li> <li>2</li> <li>·</li> <li>1</li> <li>6</li> <li>8</li> <li>·</li> <li>0</li> <li>·</li> <li>0</li> <li>/</li> <li>1</li> <li>6</li> </ul> <hr style="width: 100%;"/> <p style="text-align: center; margin: 0;">R a n g e i n C I D R f o r m a t ·</p>
--	--	--	---

## Returns

Return	Type	Description	Possible values	Example
reason	<i>string</i>	A reason for failure. <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="margin: 0;"><b>Note</b> : This function only returns a reason value if it failed.</p> </div>	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"> <li>• 1 — The function succeeded.</li> <li>• 0 — The function failed.</li> </ul>	1

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:: 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

MysqlIFE:: revoked  
buserprivileges

MysqlIFE:: setdbu  
sprivileges

MysqlIFE:: 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

▼ UI

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

