

cPanel API 2 Functions - PasswdStrength::get_password_strength

Guide to cPanel API 2

Return Data

Filter and Sort
Output

Paginate Output

Output Columns

Calls from the
WHM API

cPanel Tags
(deprecated)

AddonDo
main:: add
daddond

omain

AddonDomain:: del
addondomain

AddonDomain:: list
addondomains

Backups

Backups:: listfullba
ckups

Bandwidth

Bandwidth:: addhtt
pbandwidth

Bandwidth:: getbw
data

Bandwidth:: getho
urlyaveragebwover
year

BoxTrapper

BoxTrapper:: acco
untmanagelist

Branding

Branding:: addbra
ndingobj

Branding:: applist

Branding:: brandin
geditor

Branding:: createp
kg

Branding:: cssmer
ge

Branding:: delbran
dingobj

Description

This function checks a password's strength.

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.exam  
ple.com:2087/cpsess##  
#####/json-api/cp  
anel?cpanel_jsonapi_u  
ser=user&cpanel_jsona  
pi_apiversion=2&cpa  
nel_jsonapi_module=Pass  
wdStrength&cpanel_jso  
napi_func=get_passwor  
d_strength&password=1  
2345luggage
```

Note:

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

Func
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infor
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Abou
t this
mod
ule

Branding:: delpkg
 Branding:: gensprites
 Branding:: getbrandingpkg
 Branding:: getbrandingpkgstatus
 Branding:: getdefaultbrandingpkg
 Branding:: installbrandingpkgs
 Branding:: installimages
 Branding:: killimgs
 Branding:: listingtypes
 Branding:: listobjecttypes
 Branding:: preloadconf
 Branding:: resetall
 Branding:: resetscss
 Branding:: resethtml
 Branding:: resolve_file
 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

▼ LiveAPI PHP Class

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

// Check the strength
of a given password
$check_password =
$cpanel->api2(
  'PasswdStrength',
  'get_password_strengt
h',
  array(
    'password' =>
'12345luggage',
  )
);
```

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

The PasswordStrength module manages the strength of system passwords.

About cPanel API 2

cPanel API 2 accesses and modifies data for cPanel accounts.

Notes:

- The *Fe* int
- Ur **mi** us 20 or 20). ` 20 or 20).

Find a function

CSVImport:: sendcontact

CSVImport:: uploadimport

▼ Contactus

Contactus:: isenabled

Contactus:: sendcontact

▼ Cron

Cron:: add_line

Cron:: edit_line

Cron:: fetchcron

Cron:: get_email

Cron:: listcron

Cron:: remove_line

Cron:: set_email

▼ CustInfo

CustInfo:: contactemails

CustInfo:: contactrefs

CustInfo:: displaycontactinfo

CustInfo:: savecontactinfo

▼ DBmap

DBmap:: status

DBmap:: version

▼ DKIMUI

DKIMUI:: available

DKIMUI:: getrecords

DKIMUI:: install

DKIMUI:: installed

DKIMUI:: uninstall

▼ DenyIp

DenyIp:: listdenyps

▼ DiskCounter

DiskCounter:: diskcounter

▼ DiskUsage

DiskUsage:: buildcache

DiskUsage:: clearcache

DiskUsage:: fetch_raw_disk_usage

▼ LiveAPI Perl Module

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

```
# Check the strength  
of a given password  
my $check_password =  
$cpliveapi->api2(  
    'PasswdStrength',  
    'get_password_strength',  
    {  
        'password' =>  
        '12345luggage',  
    }  
);
```

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.

DiskUsage:: fetchd
iskusage

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

▼ Command Line

```
cpapi2  
--user=username  
PasswdStrength  
get_password_strength  
password=12345luggage
```

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":  
    "get_password_strengt  
h",  
    "data": [  
      {  
        "strength":  
64  
      }  
    ],  
    "event": {  
      "result": 1  
    },  
    "module":  
    "PasswdStrength"  
  }  
}
```

Email: [get_archiving_configuration](#)

Email: [get_archiving_default_configuration](#)

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](#)

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
password	<i>string</i>	Required The password to check.	A valid string.	123451uggage

Returns

Return	Type	Description	Possible values	Example
strength	<i>integer</i>	The password's strength.	An integer between 0 and 100.	0
reason	<i>string</i>	A reason for failure. Note : This function only returns a reason value if it failed.	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

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:: autocompletdir

Fileman:: fileop

Fileman:: getabsdir

Fileman:: getdir

Fileman:: getdiractions

Fileman:: getdiskinfo

Fileman:: geteditty

Fileman:: getfileactions

Fileman:: getpath

Fileman:: listfiles

Fileman:: mkdir

Fileman:: mkfile

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:: listpgpkeys

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:: getarc

hname

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_
locale

Locale:: get_user_
locale_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:: 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

▼ 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:: fetchcabundle

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:: 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:: 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

