

cPanel API 2 Functions - SPFUI::get_raw_record

Guide to cPanel API 2

Return Data

Filter and Sort Output

Paginate Output

Output Columns

Calls from the WHM API

cPanel Tags (deprecated)

AddonDomain:: add
daddondomain

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 returns an account's raw SPF record.

Warning:

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

Note:

On servers that run CentOS 7, you may see a named warning about the absence of SPF resource records on DNS.

- This warning is **not** relevant on CentOS 7 servers, because [RFC 7208 deprecated SPF records](#). CentOS 7 servers use TXT records instead of SPF records.
- Red Hat 7.1 and CentOS 7.1 both contain `bind-9.9.4-23.el7`, which is an updated version of BIND that complies with RFC 7208. To resolve this issue, update your operating system to a version that contains the updated version of BIND. For more information, read the [Red Hat Bugzilla case about SPF record errors](#).

Examples

WHM API (JSON)

```
https://hostname.example.com:2087/cpsess#####/json-api/cpanel?cpanel_jsonapi_user=username&cpanel_jsonapi_apiversion=2&cpanel_jsonapi_module=SPFUI&cpanel_jsonapi_func=get_raw_record&user=username
```

Note:

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

Function information

About this module

The SPFUI module accesses Sender Policy Framework (SPF) functions.

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.
```

```
// Return raw SPF  
record for  
example.com.  
$get_raw_record =  
$cpanel->api2(  
    'SPFUI',  
    'get_raw_record',  
    array(  
        'user' =>  
        'username'  
    )  
);
```

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:

- Thursday, February 20, 2020, 10:20 AM
- Thursday, February 20, 2020, 10:20 AM

Find a function

- 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:: displayc
ontactinfo
 - CustInfo:: savecon
tactinfo
 - DBmap
 - DBmap:: status
 - DBmap:: version
 - DKIMUI
 - DKIMUI:: available
 - DKIMUI:: getrecor
ds
 - DKIMUI:: install
 - DKIMUI:: installed
 - DKIMUI:: uninstall
 - DenyIp
 - DenyIp:: listdenyip
s
 - DiskCounter
 - DiskCounter:: disk
_counter
 - DiskUsage
 - 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.

# Return raw SPF
record for
example.com.
my $get_raw_record =
$cpliveapi->api2(
    'SPFUI',
    'get_raw_record',
    {
        'user' =>
'username'
    }
);
```

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.

▼ 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 SPFUI  
get_raw_record  
user=username
```

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_raw_record",  
    "data": [  
      {  
        "record":  
        "v=spf1 +a +mx  
+ip4:10.1.100.35  
+ip6:2001:db8:1a34:56  
cf::/64"  
      }  
    ],  
    "event": {  
      "result": 1  
    },  
    "module": "SPFUI"  
  }  
}
```

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: `listpopswitchdisk`

Email: `listpopswitchimage`

Email: `loadfilter`

Email: `passwdpop`

Email: `reorderfilters`

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>user</code>	<i>string</i>	The account's username. If you do not specify a value, this parameter defaults to the currently authenticated username.	The cPanel account username.	username

Returns

Return	Type	Description	Possible values	Example
<code>record</code>	<i>string</i>	The account's raw SPF record.	An SPF record. Note : In cPanel & WHM version 54 and later, this value may contain IPv6 addresses.	Click to view... v=spf1 +a +mx :ip4:10.1.100.35 +ip6:2001:db8:1a34:56cf::/64

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:: `getedittype`

Fileman:: `getfileactions`

Fileman:: `getpath`

Fileman:: `listfiles`

Fileman:: `mkdir`

Fileman:: `mkfile`

Fileman:: `savefile`

reason	<i>string</i>	<p>A reason for failure.</p> <div style="border: 1px solid orange; padding: 5px; margin: 10px 0;"> <p>Note : This function only returns a reason value if there was an error.</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"> • 1 — The function succeeded. • 0 — The function failed. 	1

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:: getarcname

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:: 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:: 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:: 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

