

cPanel API 2 Functions - Email::loadfilter

Guide to cPanel API 2

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cPanel Tags (deprecated)

AddonDomain:: adddondomain

omain

AddonDomain:: deladdondomain

AddonDomain:: listaddondomains

Backups

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BoxTrapper:: accountmanagerlist

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Branding:: addbrandingobj

Branding:: applist

Branding:: brandingeditor

Branding:: createpkg

Branding:: cssmerge

Branding:: delbrandingobj

Branding:: delpkg

Branding:: gensprites

Description

This function retrieves an email filter's information. For more information about Exim filters, read [Exim's documentation](#).

Warning:

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

- `Email::get_filter` — This function retrieves an email filter's information.

Important:

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

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=Email&cpanel_jsonapi_func=loadfilter&filtername="coffee"
```

Note:

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

Function information

About this module

The Email module modifies cPanel email account settings.

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:: 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.  
  
// List information  
for the "coffee" mail  
filter.  
$filter_info =  
$cpanel->api2(  
    'Email',  
    'loadfilter',  
    array(  
        'filtername'  
=> 'coffee',  
    )  
);
```

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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- The `Ur`
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- The `20`
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- The `20`
- The `).`

Find a function

- cPanel API 2 Functions - Email::editQuota — This function modifies an account's disk quota.

- 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:: listdenylps
 - 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 information
for the "coffee" mail
filter.
my $filter_info =
$cpliveapi->api2(
'Email',
'loadfilter',
{
'filtername'
=> 'coffee',
}
);

```

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 - Email::passwdpop — This function modifies an email account's password.
- cPanel API 2 Functions - Email::listdefaultaddresses — This function retrieves the domain's default address and its rules.

▼ 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 Email  
loadfilter  
filtername=coffee
```

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/bin/  
cpapi2
```

- cPanel API 2 Functions - Email::listaliasbackups — This function retrieves a list of the account's domains that use aliases and custom default addresses.

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: listpopswitdisk

Email: listpopswitimage

Email: loadfilter

Email: passwdpop

Email: reorderfilters

Output (JSON)

```
{
  "cpanelresult": {
    "apiversion": 2,
    "func":
    "loadfilter",
    "data": [
      {
        "filtername":
        "coffee",
        "actions": [
          {
            "dest":
            "/dev/null",
            "number":
            1,
            "action":
            "save"
          }
        ],
        "rules": [
          {
            "number":
            1,
            "match":
            "is",
            "part":
            "$header_from:",
            "opt":
            "or",
            "val":
            "user@example.com"
          }
        ]
      }
    ],
    "event": {
      "result": 1
    },
    "module": "Email"
  }
}
```

Note:

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

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:: [dirisemptly](#)

▼ [Fileman](#)

Fileman:: [autocompletedir](#)

Fileman:: [fileop](#)

Fileman:: [getabsdir](#)

Fileman:: [getdir](#)

Fileman:: [getdiractions](#)

Fileman:: [getdiskinfo](#)

Fileman:: [geteditty](#)
[pe](#)

Fileman:: [getfileactions](#)

Fileman:: [getpath](#)

Fileman:: [listfiles](#)

Fileman:: [mkdir](#)

Fileman:: [mkfile](#)

Fileman:: [savefile](#)

Parameters

Parameter	Type	Description	Possible values	Example
<code>filtername</code>	<i>string</i>	Required The filter's name.	A string value.	<code>coffee</code>
<code>account</code>	<i>string</i>	The cPanel account name or email address, to retrieve a user-level filter. If you do not use this parameter, the function retrieves an account-level filter.	<ul style="list-style-type: none">The cPanel username.A user-level filter's email address.	<code>user</code>

Returns

Return	Type	Description	Possible values	Example
<code>filtername</code>	<i>string</i>	The filter name.	A string value.	<code>coffee</code>
<code>actions</code>	<i>array of hashes</i>	An array of hashes of the filter's actions.	Each hash includes the <code>dest</code> , <code>number</code> , and <code>action</code> returns.	
<code>dest</code>	<i>string</i>	The destination to which the filter sends mail. The function returns this value in the <code>actions</code> hash.	<ul style="list-style-type: none">A file path.An application path.A valid email address.	<code>filteredmsgs@example.com</code>
<code>number</code>	<i>integer</i>	The rule's order in the list. The function returns this value in the <code>actions</code> hash.	A positive integer that represents the rule's order in the filter. For example, the filter's first rule returns 1.	<code>1</code>

- 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:: [getarchname](#)
 - LangMods:: [getkey](#)

action	string	<p>The filter's action.</p> <p>The function returns this value in the actions hash.</p>	<ul style="list-style-type: none"> • deliver — The filter sends mail to the destination. • fail — The filter forces a delivery failure. • finish — The filter stops message processing. • save — The filter saves mail to the destination file. • pipe — The filter sends mail to the destination application. 	deliver
rules	array of hashes	An array of hashes of the filter's rules.	Each hash includes the number, match, part, opt, and val returns.	
number	integer	<p>The rule's order in the list.</p> <p>The function returns this value in the rules hash.</p>	<p>A positive integer that represents the rule's order in the filter.</p> <p>For example, the filter's first rule returns 1.</p>	1
match	string	<p>The filter's match type.</p> <p>The function returns this value in the rules hash.</p>	<ul style="list-style-type: none"> • is • matches • contains • does not contain • begins • does not begin • ends • does not end • does not match • is above • is not above • is below • is not below 	contains

LangMods:: getprefix

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

part	string	<p>The queried email section.</p> <p>The function returns this value in the rules hash.</p>	<ul style="list-style-type: none"> • \$header_from: — Matches against the From: section. • \$header_subject: — Matches against the Subject: section. • \$header_to: — Matches against the To: section. • \$reply_address: — Matches against the Reply To: section. • \$message_body — Matches against the message's body. • \$message_headers — Matches against the message's headers. • foranyaddress \$h_to: , \$h_cc: , \$h_bcc: — Matches against all message recipients. • not delivered — Matches if the message is not queued for delivery. • error_message — Matches if the incoming message bounced. 	\$message_body
opt	string	<p>The connection between multiple conditions.</p> <p>The function returns this value in the rules hash.</p>	<ul style="list-style-type: none"> • and — Match both conditions. • or — Match either condition. • null — Only one condition exists. 	and

- Logaholic:: proces
sstats
- ▼ Mime
 - Mime:: list_hotlinks
 - Mime:: listhandlers
 - Mime:: listmime
 - Mime:: listredirects
 - Mime:: redirectname
 - Mime:: redirecturlname
- ▼ MySQLFE
 - MySQLFE:: authorizehost
 - MySQLFE:: changedbuserpassword
 - MySQLFE:: createdb
 - MySQLFE:: createdbuser
 - MySQLFE:: dbuserexists
 - MySQLFE:: deauthorizehost
 - MySQLFE:: deletedb
 - MySQLFE:: deletedbuser
 - MySQLFE:: getalldbinfo
 - MySQLFE:: getalldbusersanddbs
 - MySQLFE:: getdbserverprivileges
 - MySQLFE:: getdbusers
 - MySQLFE:: gethosts
 - MySQLFE:: getmysqlprivileges
 - MySQLFE:: getmysqlserverprivileges
 - MySQLFE:: has_myconf_for_cpuser
 - MySQLFE:: listdbs
 - MySQLFE:: listdbsbackup
 - MySQLFE:: listhosts
 - MySQLFE:: listusers
 - MySQLFE:: listusersindb

val	string	The matched value. The function returns this value in the rules hash.	A string value.	coconut
reason	string	A reason for failure. <div style="border: 1px solid orange; padding: 5px; width: fit-content; margin: 10px auto;"> Note : This function only returns a reason value if it failed. </div>	A string that describes the error.	This is an error message.
result	Boolean	Whether the function succeeded.	<ul style="list-style-type: none"> • 1 — The function succeeded. • 0 — The function failed. 	1

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

