

# cPanel API 2 Functions - Email::filterlist

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:: deladdondomain

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

Branding:: gensprites

## Description

This function lists mail filters. For more information about Exim filters, read [Exim's documentation](#).

### Warning:

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

### 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.

[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=Email&cpanel_jsonapi_func=filterlist&account=user@example.com
```

### 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:: 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.
```

```
// List filters for  
user@example.com.  
$filter_list =  
$cpanel->api2(  
    'Email',  
    'filterlist',  
    array(  
        'account'  
    )  
=>  
    'user@example.com',  
    )  
);
```

#### Note:

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

cPanel API 2 accesses and modifies data for cPanel accounts.

#### Notes:

- The *Fe*

int  
• Ur  
mt  
us  
20  
or  
20  
)`  
20  
or  
20  
).

#### Find a function

- cPanel API 2 Functions - Email::edit quote a — This function modifies an email account's disk quote a.

- 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:: listdenyps
  - 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 filters for
user@example.com.
my $filter_list =
$cpliveapi->api2(
    'Email',
    'filterlist',
    {
        'account'
    }
=>
'user@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 **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  
filterlist  
account=user%40exampl  
e.com
```

#### 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":  
    "filterlist",  
    "data": [  
      {  
        "actions": [  
          {  
            "dest":  
            "/dev/null",  
            "action":  
            "save"  
          }  
        ],  
        "filtername":  
        "coffee",  
        "unescaped":  
        "1",  
        "rules": [  
          {  
            "match":
```

- 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: listaliasesbackups  
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

```
"is",
      "part":
"$header_from:",
      "opt":
"or",
      "val":
"user@example.com"
    }
  ],
  "enabled": 1
},
{
  "filtername":
"myfilter",
  "actions": [
    {
      "dest":
"filteredmsgs@example.com",
      "action":
"deliver"
    }
  ],
  "unescaped":
1,
  "rules": [
    {
      "match":
"contains",
      "part":
"$message_body",
      "opt":
null,
      "val":
"test"
    }
  ],
  "enabled": 1
}
],
"event": {
  "result": 1
},
```

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:: getedittype

Fileman:: getfileactions

Fileman:: getpath

Fileman:: listfiles

Fileman:: mkdir

Fileman:: mkfile

Fileman:: savefile

```
    "module": "Email"
  }
}
```

**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
account	string	The cPanel account name or email address, to limit results to that account's user-level filters.  If you do <b>not</b> use this parameter, the function returns account-level filters.	<ul style="list-style-type: none"><li>The cPanel username.</li><li>A user-level filter's email address.</li></ul>	user

## Returns

Return	Type	Description	Possible values	Example
actions	array of hashes	An array of hashes of the filter's actions.	Each hash includes the dest and action returns.	
dest	string	The destination to which the filter sends mail.  The function returns this value in the actions array.	<ul style="list-style-type: none"><li>A file path.</li><li>An application path.</li><li>A valid email address.</li></ul>	filteredmsgs@example.com

- Fileman:: [search](#)
- Fileman:: [staffiles](#)
- Fileman:: [uploadfiles](#)
- Fileman:: [viewfile](#)
- ForcePassword
  - ForcePassword:: [get\\_force\\_password\\_flags](#)
  - ForcePassword:: [update\\_force\\_password\\_flags](#)
- Frontpage
  - Frontpage:: [fopenabled](#)
  - Frontpage:: [list](#)
- Ftp
  - Ftp:: [addftp](#)
  - Ftp:: [delftp](#)
  - Ftp:: [listftp](#)
  - Ftp:: [listftpssessions](#)
  - 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](#)

action	string	The filter's action.  The function returns this value in the actions array.	<ul style="list-style-type: none"> <li>• deliver — The filter sends mail to the dest address.</li> <li>• fail — The filter forces a delivery failure.</li> <li>• finish — The filter stops message processing.</li> <li>• save — The filter saves mail to the dest file.</li> <li>• pipe — The filter sends mail to the dest application.</li> </ul>	deliver
filename	string	The filter name.	A string value.	coffee
unescape	Boolean	A legacy Boolean value.	<ul style="list-style-type: none"> <li>• 1</li> <li>• 0</li> </ul>	1
rules	array of hashes	An array of hashes of the filter's rules.	Each hash includes the match, part, opt, and val returns.	
match	string	The filter's match type.  The function returns this value in the rules array.	<ul style="list-style-type: none"> <li>• is</li> <li>• matches</li> <li>• contains</li> <li>• does not contain</li> <li>• begins</li> <li>• does not begin</li> <li>• ends</li> <li>• does not end</li> <li>• does not match</li> <li>• is above</li> <li>• is not above</li> <li>• is below</li> <li>• is not below</li> </ul>	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 array.</p>	<ul style="list-style-type: none"> <li>• \$header_from: — Matches against the From: section.</li> <li>• \$header_subject: — Matches against the Subject: section.</li> <li>• \$header_to: — Matches against the To: section.</li> <li>• \$reply_address: — Matches against the Reply To: section.</li> <li>• \$message_body — Matches against the message's body.</li> <li>• \$message_headers — Matches against the message's headers.</li> <li>• foranyaddress \$h_to: , \$h_cc: , \$h_bcc: — Matches against all message recipients.</li> <li>• not delivered — Matches if the message is not queued for delivery.</li> <li>• error_message — Matches if the incoming message bounced.</li> </ul>	\$message_body
opt	string	<p>The connection between multiple conditions.</p> <p>The function returns this value in the rules array.</p>	<ul style="list-style-type: none"> <li>• and — Match both conditions.</li> <li>• or — Match either condition.</li> <li>• null — Only <b>one</b> condition exists.</li> </ul>	and



- 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:: getdbuserprivileges
  - MysqlFE:: getdbusers
  - MysqlFE:: gethosts
  - MysqlFE:: getmysqlprivileges
  - MysqlFE:: getmysqlserverprivileges
  - MysqlFE:: has\_my  
cnf\_for\_cpuser
  - MysqlFE:: listdbs
  - MysqlFE:: listdbsbackup
  - MysqlFE:: listhosts
  - MysqlFE:: listusers
  - MysqlFE:: listusers  
indb

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

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

▼ 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

