

cPanel API 2 Functions - Email::storefilter

Guide to cPanel API 2

Return Data

Filter and Sort Output

Paginate Output

Output Columns

Calls from the WHM API

cPanel Tags (deprecated)

Description

This function creates an email filter.

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::store_filter` — This function creates a new email filter.

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=storefilter&filtername=coffee&account=user@example.com&action1=deliver&dest1=cheesecloth%40example.com&part1=%24header_subject%3A&match1=contains&vall=curds&opt1=or&part2=%24message_body&match2=is&val2=whey
```

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.

- AddonDomain: `addomain`
- AddonDomain: `deladdondomain`
- AddonDomain: `listaddondomains`
- Backups: `listfullbackups`
- Bandwidth: `addhttpbandwidth`
- Bandwidth: `getbwdata`
- Bandwidth: `gethourlyaveragebwoveryear`
- BoxTrapper: `accountmanagelist`
- Branding: `addbrandingobj`
- Branding: `applist`
- Branding: `brandingeditor`
- Branding: `createpkg`
- Branding: `cssmerge`
- Branding: `delbrandingobj`
- Branding: `delpkg`
- Branding: `gensprites`

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:: 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

CSVImport:: sendcontact

CSVImport:: uploadimport

▼ LiveAPI PHP Class

```
$cpanel = new  
CPANEL(); // Connect  
to cPanel - only do  
this once.  
  
// Create an email  
filter.  
$create_mail_filter =  
$cpanel->api2(  
    'Email',  
    'storefilter',  
    array(  
        'filtername'  
=> 'coffee',  
        'account'  
=>  
    'user@example.com',  
        'action1'  
=> 'deliver',  
        'dest1'  
=>  
    'cheesecloth@example.  
com',  
        'part1'  
=>  
    '$header_subject:',  
        'match1'  
=> 'contains',  
        'vall'  
=> 'curds',  
        'opt1'  
=> 'or',  
        'part2'  
=> '$message_body',  
        'match2'  
=> 'is',  
        'val2'  
=> 'whey',  
    )  
);
```

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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Find a function

▼ 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

▼ 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 [Deprecated cPanel Tag Usage](#) docume ntation.

▼ Command Line

```
cpapi2  
--user=username Email  
storefilter  
filtername=coffee  
account=user%40exampl  
e.com action1=deliver  
dest1=cheesecloth@exa  
mple.com  
part1=$header_subject  
: match1=contains  
val1=curds opt1=or  
part2=$message_body  
match2=is val2=whey
```

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
```

- [cPanel API 2 Functions - Email::list default addresses](#) — This function retrieves the domain's default address and its rules.
- [cPanel API 2 Functions - Email::list alias backups](#) — 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: `listpopswithdisk`

Email: `listpopswithimage`

Email: `loadfilter`

Email: `passwdpop`

Email: `reorderfilters`

Output (JSON)

```

{
  "cpanelresult": {
    "apiversion": 2,
    "func":
    "storefilter",
    "data": [
      {
        "ok": 1,
        "account":
        "user@example.com",
        "error": 0,
        "result":
        "Filter Saved."
      }
    ],
    "event": {
      "result": 1
    },
    "module": "Email"
  }
}

```

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

Parameters

Important:
 For additional use information, read the [Create multiple rules](#) section.

Parameter	Type	Description	Possible values	Example
account	string	The email address, for user-level filters. If you do not use this parameter, the function creates an account-level filter.	A valid email address on the account.	user@example.com
filtername	string	Required The filter's name.	A string.	coffee

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](#)

oldfiltername	<i>string</i>	An existing filter's name, to rename it. If you do not use this parameter, the function creates a new filter.	A filter on the account.	pool
action*	<i>string</i>	Required The filter's action.	<ul style="list-style-type: none"> • <code>deliver</code> — Deliver the message to the <code>dest*</code> address. • <code>fail</code> — Force a delivery failure. • <code>finish</code> — Stop processing the message. • <code>save</code> — Save the message to the <code>dest*</code> file. • <code>pipe</code> — Pipe the message to the <code>dest*</code> application. 	deliver
dest*	<i>string</i>	The destination for filtered mail. <div style="border: 1px solid orange; padding: 5px; margin: 5px 0;"> <p>Note : You must use this parameter if the action value is <code>deliver</code>, <code>save</code>, or <code>pipe</code>.</p> </div>	<ul style="list-style-type: none"> • A file path. • An application path. • A valid email address. 	cheesecloth@example.com

Fileman:: [search](#)

Fileman:: [staffiles](#)

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](#)

match*	string	<p>Required</p> <p>The filter's match type.</p> <ul style="list-style-type: none"> If the val* parameter is a string, use a string operator. If the val* parameter is an integer, use a numeric operator. 	<p>String operators:</p> <ul style="list-style-type: none"> is matches contains does not contain begins does not begin ends does not end does not match <p>Numeric operators:</p> <ul style="list-style-type: none"> is above is not above is below is not below 	contains
opt*	string	The connection between multiple conditions.	<ul style="list-style-type: none"> and or 	and
part*	string	<p>Required</p> <p>The email section to query.</p>	<ul style="list-style-type: none"> \$header_from: — Match against the From: section. \$header_subject: — Match against the Subject: section. \$header_to: — Match against the To: section. \$reply_address: — Match against the Reply To: section. \$message_body — Match against the message's body. \$message_headers — Match against the message's headers. 	\$message_body

LangMods:: getpre
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LangMods:: install
LangMods:: langlis
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LangMods:: list_av
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LangMods:: list_in
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LangMods:: magic
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LangMods:: search
LangMods:: setup
LangMods:: uninst
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LangMods:: updat
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▼ LeechProtect

LeechProtect:: set
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▼ Locale

Locale:: get_encod
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Locale:: get_html_
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Locale:: get_locale
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Locale:: get_user_
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Locale:: get_user_
ocale_name

Locale:: numf

▼ Logaholic

Logaholic:: adduse
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Logaholic:: adduse
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Logaholic:: deleteu
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Logaholic:: deleteu
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Logaholic:: edituse
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Logaholic:: fetchus
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Logaholic:: listuser
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Logaholic:: logahol
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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:: listdbsback
ackup

MysqlFE:: listhosts

MysqlFE:: listusers

MysqlFE:: listusers
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- 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

			<div style="border: 1px solid yellow; padding: 2px; display: inline-block; margin-bottom: 5px;">r</div> <ul style="list-style-type: none"> • not delivered — Match if the message is not queued for delivery. • error_message — Match if the incoming message bounced. 	
val*	<i>string</i> or <i>integer</i>	Required The value to match.	<ul style="list-style-type: none"> • Any string value. • A positive integer. 	coconut

Create multiple rules

You may create up to 4,096 separate sets of conditions in one filter. To do this, append numbers to the parameter names.

To create a filter with two sets of actions and conditions, use the following parameters:

- Assign the information for the first filter rule to the `action1`, `dest1`, `match1`, `opt1`, `part1`, and `val1` parameters.
- Assign the information for the second filter rule to the `action2`, `dest2`, `match2`, `opt2`, `part2`, and `val2` parameters.

To create a filter that uses one set of actions but two sets of conditions, use the following parameters:

- Assign the actions to the `action1` and `dest1` parameters.
- Assign the first set of conditions to the `match1`, `opt1`, `part1`, and `val1` parameters.
- Assign the second set of conditions to the `match2`, `opt2`, `part2`, and `val2` parameters.

Returns

Return	Type	Description	Possible values	Example
ok	<i>Boolean</i>	Whether the function succeeded.	<ul style="list-style-type: none"> • 1 — The function succeeded. • 0 — The function failed. 	1

- Postgres:: listusers
- Postgres:: indb
- Postgres:: userexists
- ▼ Rand
 - Rand:: getranddata
- ▼ Resellers
 - Resellers:: get_sub_accounts
- ▼ RoR
 - RoR:: addapp
 - RoR:: changeapp
 - RoR:: importtrails
 - RoR:: listapps
 - RoR:: listrewrites
 - RoR:: needsimport
 - RoR:: removeapp
 - RoR:: removerewrite
 - RoR:: restartapp
 - RoR:: setuprewrite
 - RoR:: softrestartapp
 - RoR:: startapp
 - RoR:: stopapp
- ▼ SetLang
 - SetLang:: setlocale
- ▼ SourceIPCheck
 - SourceIPCheck:: addip
 - SourceIPCheck:: delip
 - SourceIPCheck:: getaccount
 - SourceIPCheck:: listips
 - SourceIPCheck:: loadsecquestions
 - SourceIPCheck:: resetsecquestions
 - SourceIPCheck:: samplequestions
 - SourceIPCheck:: savesecquestions
- ▼ SPFUI
 - SPFUI:: available
 - SPFUI:: count_settings

account	<i>string</i>	The email address or cPanel account to which the filter applies.	<ul style="list-style-type: none"> • An email address, for account-level filters. • The cPanel username, for user-level filters. 	user@example.com
error	<i>Boolean</i>	Whether the function encountered an error.	<ul style="list-style-type: none"> • 1 — Errors. • 0 — No errors. 	0
result	<i>string</i>	A message of success or a reason for failure.	<ul style="list-style-type: none"> • Filter Saved. — The function succeeded. • An error message. — The function failed. 	Filter Saved.
reason	<i>string</i>	A reason for failure.	A string that describes the error.	This is an error message.
		<p style="text-align: center;">Note : This function only r eturn s a r eas on v alue if it faile d.</p>		
result	<i>Boolean</i>	Whether the function succeeded.	<ul style="list-style-type: none"> • 1 — The function succeeded. • 0 — The function failed. 	1

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
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StatsBar:: setrowc
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StatsBar:: stat

▼ SubDomain

SubDomain:: adds
ubdomain

SubDomain:: chan
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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

