

UAPI Functions - Email::get_filter

Guide to UAPI

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Description

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

▼ cPanel or Webmail Session URL

```
https://hostname.example.com:2083/cpsess##  
▼ #####/execute/Email/get_filter?account=  
user%40example.com&filtername=coffee
```

Note:

This example calls the UAPI function via a cPanel session. For more information, read our [Guide to UAPI](#) documentation.

Function information

About this module

The `Email` module modifies cPanel email account settings.

About UAPI

UAPI accesses and modifies data for cPanel accounts.

- Branding:: image
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- CacheBuster
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- Chkservd
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- cPAddons
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- cPGreyList
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- DAV
 - DAV:: disable_shared_global_addressbook
 - DAV:: enable_shared_global_addressbook
 - DAV:: get_calendar_contacts_config
 - DAV:: has_shared_global_addressbook
 - DAV:: is_dav_service_enabled

LiveAPI PHP Class

```

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

// List information
for
user@example.com's
coffee filter.
$filter_info =
$cpnl->uapi(
    'Email',
    'get_filter',
    array(
        'account'
=>
'user@example.com',
        'filtername'
=> 'coffee',
    )
);

```

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

Notes:

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Find a function

The Mail boxes module manages email messages.

- UAPI Functions - Email::edit_pop_quota — This function changes an email address's quota.

DAV:: is_horde_enabled

▼ DCV

DCV:: check_domains_via_dns

DCV:: check_domains_via_http

DCV:: ensure_domains_can_pass_dcv

▼ DomainInfo

DomainInfo:: domains_data

DomainInfo:: list_domains

DomainInfo:: main_domain_builtin_subdomain_aliases

DomainInfo:: single_domain_data

▼ DNS

DNS:: ensure_domains_reside_only_locally

DNS:: has_local_authority

▼ DNSSEC

DNSSEC:: disable_dnssec

DNSSEC:: enable_dnssec

DNSSEC:: fetch_dns_records

DNSSEC:: set_nsec3

DNSSEC:: unset_nsec3

▼ Email

Email:: account_name

Email:: add_auto_responder

Email:: add_domain_forwarder

Email:: add_forwarder

Email:: add_list

Email:: add_mailman_delegates

Email:: add_mx

Email:: add_pop

Email:: add_spam_filter

▼ LiveAPI Perl Module

```
my $cpliveapi =  
Cpanel::LiveAPI->new(  
); # Connect to  
cPanel - only do this  
once.  
  
# List information  
for  
user@example.com's  
coffee filter.  
my $filter_info =  
$cpliveapi->uapi(  
  'Email',  
  'get_filter',  
  {  
    'account'  
  }  
=>  
  'user@example.com',  
  'filtername'  
=> 'coffee',  
  }  
);
```

Note:

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

- UAPI Functions - SpamAssassin::get_user_preferences

This function lists the Apache SpamAssassin™ settings for the account.

- UAPI Functions - SpamAssassin::clear_spam_box

This function clears the spam box of all its contents for all email accounts.

Email: browse_mailbox
Email: change_mx
Email: check_fastmail
Email: check_pipe_forwarder
Email: delete_auto_responder
Email: delete_domain_forwarder
Email: delete_filter
Email: delete_forwarder
Email: delete_held_messages
Email: delete_list
Email: delete_mx
Email: delete_pop
Email: disable_filter
Email: disable_mailbox_autocreate
Email: disable_spam_assassin
Email: disable_spam_autodelete
Email: disable_spam_box
Email: dispatch_client_settings
Email: edit_pop_quota
Email: enable_filter
Email: enable_mailbox_autocreate
Email: enable_spam_assassin
Email: enable_spam_box
Email: fetch_charmaps
Email: fts_rescan_mailbox
Email: generate_mailman_opt
Email: get_auto_responder
Email: get_chase

▼ cPanel Template Toolkit

```
<!-- Get a hash of data, then display the destination value. -->
[% data = execute(
  'Email',
  'get_filter', {
    'account' =>
      'user@example.com',
    'filtername' =>
      'coffee', } ); %]
[% FOREACH q =
  data.dest %]
  <p>
    [% q %]
  </p>
[% END %]

<!-- Get only the filter destination. -->
[% execute( 'Email',
  'get_filter', {
    'account' =>
      'user@example.com',
    'filtername' =>
      'coffee', }
  ).data.dest %]
```

Note:

For more information, read our [Guide to Template Toolkit](#) documentation.

- UAPI Functions - SpamAssassin::update_preferences — This function sets the Apache SpamAssassin™ settings for the account.

ts

Email: get_client_settings

Email: get_default_email_quota

Email: get_default_email_quota_mib

Email: get_disk_usage

Email: get_filter

Email: get_held_message_count

Email: get_mailbox_autocreate

Email: get_mailman_delegates

Email: get_main_account_disk_usage

Email: get_main_account_disk_usage_bytes

Email: get_max_email_quota

Email: get_max_email_quota_mib

Email: get_pop_quota

Email: get_spam_settings

Email: get_webmail_settings

Email: has_delegated_mailman_lists

Email: has_plaintext_authentication

Email: hold_outgoing

Email: is_integer

Email: list_autoresponders

Email: list_default_address

Email: list_domain_forwarders

Email: list_filters

Email: list_filters_backups

Email: list_forwarders

Email: list_forward

Command Line

```
uapi --user=username  
Email get_filter  
account=user%40example.com  
filtername=coffee
```

Notes:

- You **must** URI-encode values.
- `username` represents your account-level username.
- For more information and additional output options, read our [Guide to UAPI](#) documentation or run the `uapi --help` command.
- If you run CloudLinux™, you **must** use the full path of the `uapi` command:

```
/usr/local  
/cpanel/bin/uapi
```

ers_backups
 Email: list_lists
 Email: list_mail_domains
 Email: list_mx
 Email: list_pops
 Email: list_pops_with_disk
 Email: list_system_filter_info
 Email: passwd_list
 Email: passwd_pop
 Email: release_outgoing
 Email: remove_mailman_delegates
 Email: reorder_filters
 Email: set_always_accept
 Email: set_default_address
 Email: set_list_privacy_options
 Email: stats_db_status
 Email: store_filter
 Email: suspend_incoming
 Email: suspend_login
 Email: suspend_outgoing
 Email: trace_filter
 Email: unsuspend_incoming
 Email: unsuspend_login
 Email: unsuspend_outgoing
 Email: verify_password

Output (JSON)

```

{
  "messages": null,
  "errors": null,
  "status": 1,
  "data": {
    "actions": [
      {
        "number": 1,
        "dest":
"/dev/null",
        "action":
"save"
      }
    ],
    "filtername":
"FilterTest",
    "rules": [
      {
        "number": 1,
        "match":
"contains",
        "part":
"$header_from:",
        "opt": "or",
        "val":
"example.com"
      }
    ],
    "metadata": {
      "transformed": 1
    }
  }
}
  
```

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

Parameters

EmailAuth
 EmailAuth: disable_dkim
 EmailAuth: enable_dkim
 EmailAuth: ensure_dkim_keys_exist

Parameter	Type	Description	Possible values	Example
account	string	Required The email address that owns the filter.	A valid email address on the cPanel account.	user@example.com

EmailAuth:: fetch_dkim_private_keys

EmailAuth:: install_dkim_private_keys

EmailAuth:: install_spf_records

EmailAuth:: validate_current_dkims

EmailAuth:: validate_current_ptrs

EmailAuth:: validate_current_spfs

ExternalAuthentication

ExternalAuthentication:: add_auth_link

ExternalAuthentication:: configured_modules

ExternalAuthentication:: get_auth_links

ExternalAuthentication:: has_external_auth_modules_configured

ExternalAuthentication:: remove_auth_link

Features

Features:: get_feature_metadata

Features:: has_feature

Features:: list_features

Fileman

Fileman:: autocompletedir

Fileman:: empty_trash

Fileman:: get_file_content

Fileman:: get_file_information

Fileman:: list_files

Fileman:: save_file_content

Fileman:: transcode

Fileman:: upload_files

filtername	string	Required The filter's name.	The name of an email filter.	coffee
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Returns

Return	Type	Description	Possible values	Example
actions	array	An array that contains a hash of the filter's actions.	This array's hash contains the number, dest, and action returns.	
number	integer	The filter's position in the order of the account's filters. The function returns this value in the actions hash.	A positive value.	1
dest	string	The destination to which the filter sends mail. The function returns this value in the actions hash.	<ul style="list-style-type: none">A file path.An application path.A valid email address.	/dev/null
action	string	The filter's action. The function returns this value in the actions hash.	<ul style="list-style-type: none">deliver — The filter sends mail to the dest address.fail — The filter forces a delivery failure.finish — The filter stops message processing.save — The filter saves mail to the dest file.pipe — The filter sends mail to the dest application.	
filtername	string	The filter's name.	The filtername input parameter's value.	coffee
rules	array	An array that contains a hash of the filter's rules.	This array's hash contains the number, match, part, opt, and val returns.	

▼ Ftp

- Ftp:: add_ftp
- Ftp:: allows_anonymous_ftp
- Ftp:: allows_anonymous_ftp_incoming
- Ftp:: delete_ftp
- Ftp:: ftp_exists
- Ftp:: get_ftp_daemon_info
- Ftp:: get_port
- Ftp:: get_quota
- Ftp:: get_welcome_message
- Ftp:: kill_session
- Ftp:: list_ftp
- Ftp:: list_ftp_with_disk
- Ftp:: list_sessions
- Ftp:: passwd
- Ftp:: server_name
- Ftp:: set_anonymous_ftp
- Ftp:: set_anonymous_ftp_incoming
- Ftp:: set_homedir
- Ftp:: set_quota
- Ftp:: set_welcome_message

▼ Integration

- Integration:: fetch_url

▼ KnownHosts

- KnownHosts:: create
- KnownHosts:: delete
- KnownHosts:: update
- KnownHosts:: verify

▼ LangPHP

- LangPHP:: php_get_domain_handler
- LangPHP:: php_get_impacted_domains
- LangPHP:: php_get_installed_version

number	integer	The filter's position in the order of the account's filters. The function returns this value in the rules hash.	A positive value.	1
match	string	The filter's match type. The function returns this value in the rules hash.	<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

S

LangPHP:: `php_get_system_default_version`

LangPHP:: `php_get_vhost_versions`

LangPHP:: `php_ini_get_user_basic_directives`

LangPHP:: `php_ini_get_user_content`

LangPHP:: `php_ini_get_user_paths`

LangPHP:: `php_ini_set_user_basic_directives`

LangPHP:: `php_ini_set_user_content`

LangPHP:: `php_set_vhost_versions`

▼ LastLogin

LastLogin:: `get_last_or_current_logged_in_ip`

▼ Locale

Locale:: `get_attributes`

▼ Mailboxes

Mailboxes:: `expunge_mailbox_messages`

Mailboxes:: `expunge_messages_for_mailbox_guid`

Mailboxes:: `get_mailbox_status`

Mailboxes:: `has_utf8_mailbox_names`

Mailboxes:: `set_utf8_mailbox_names`

▼ Market

Market:: `cancel_pending_ssl_certificate`

Market:: `create_shopping_cart`

Market:: `get_all_products`

Market:: `get_certificate_status_details`

Market:: `get_login_url`

Market:: `get_pending_ssl_certificates`

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

val	string	The matched value. The function returns this value in the rules hash.	A string value.	coconut
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Market:: get_provider_specific_dcv_constraints

Market:: get_providers_list

Market:: get_ssl_certificate_if_available

Market:: process_ssl_pending_queue

Market:: request_ssl_certificates

Market:: set_status_of_pending_queue_items

Market:: set_url_after_checkout

Market:: validate_login_token

▼ Mime

Mime:: add_handler

Mime:: add_hotlink

Mime:: add_mime

Mime:: add_redirect

Mime:: delete_handler

Mime:: delete_hotlink

Mime:: delete_mime

Mime:: delete_redirect

Mime:: list_handlers

Mime:: list_hotlinks

Mime:: list_mime

Mime:: list_redirects

Mime:: redirect_info

▼ ModSecurity

ModSecurity:: disable_all_domains

ModSecurity:: disable_domains

ModSecurity:: enable_all_domains

ModSecurity:: enable_domains

ModSecurity:: has
_modsecurity_inst
alled

ModSecurity:: list_
domains

▼ Mysql

Mysql:: add_host

Mysql:: add_host_
note

Mysql :: check_dat
abase

Mysql:: create_dat
abase

Mysql:: create_use
r

Mysql:: delete_dat
abase

Mysql:: delete_hos
t

Mysql:: delete_use
r

Mysql:: get_host_n
otes

Mysql:: get_privile
ges_on_database

Mysql:: get_restrict
ions

Mysql:: get_server
_information

Mysql:: locate_ser
ver

Mysql:: rename_d
atabase

Mysql:: rename_us
er

Mysql:: repair_dat
abase

Mysql:: revoke_ac
cess_to_database

Mysql:: set_passw
ord

Mysql:: set_privile
ges_on_database

▼ Notifications

Notifications:: get_
notifications_count

▼ NVData

NVData:: get

NVData:: set

▼ Parser

Parser:: firstfile_rel
ative_uri

- ▼ PassengerApps
 - PassengerApps:: disable_application
 - PassengerApps:: edit_application
 - PassengerApps:: enable_application
 - PassengerApps:: ensure_deps
 - PassengerApps:: list_applications
 - PassengerApps:: register_application
 - PassengerApps:: unregister_application
- ▼ PasswdStrength
 - PasswdStrength:: get_required_strength
- ▼ Personalization
 - Personalization::set
 - Personalization::get
- ▼ Postgresql
 - Postgresql:: create_database
 - Postgresql:: create_user
 - Postgresql:: delete_database
 - Postgresql:: get_restrictions
 - Postgresql:: grant_all_privileges
 - Postgresql:: rename_database
 - Postgresql:: rename_user
 - Postgresql:: rename_user_no_password
 - Postgresql:: revoke_all_privileges
 - Postgresql:: set_password
- ▼ Pushbullet
 - Pushbullet:: send_test_message
- ▼ Quota
 - Quota:: get_quota_info

- ▼ Resellers
 - Resellers:: list_accounts
- ▼ ResourceUsage
 - ResourceUsage:: get_usages
- ▼ Restore
 - Restore:: directory_listing
 - Restore:: get_users
 - Restore:: query_file_info
 - Restore:: restore_file
- ▼ Session
 - Session:: create_temp_user
- ▼ SiteTemplates
 - SiteTemplates:: list_site_templates
 - SiteTemplates:: list_user_settings
 - SiteTemplates:: publish
- ▼ SpamAssassin
 - SpamAssassin :: clear_spam_box
 - SpamAssassin:: get_symbolic_test_names
 - SpamAssassin:: get_user_preferences
 - SpamAssassin:: update_user_preference
- ▼ SSH
 - SSH:: get_port
- ▼ SSL
 - SSL:: add_autossl_excluded_domains
 - SSL:: can_ssl_redirect
 - SSL:: check_shared_cert
 - SSL:: delete_cert
 - SSL:: delete_csr
 - SSL:: delete_key
 - SSL:: delete_ssl
 - SSL :: disable_mail_sni

SSL:: enable_mail
_sni

SSL:: fetch_best_f
or_domain

SSL:: fetch_cert_in
fo

SSL:: fetch_certific
ates_for_fqdns

SSL:: fetch_key_a
nd_cabundle_for_
certificate

SSL:: find_certifica
tes_for_key

SSL:: find_csrs_for
_key

SSL:: generate_ce
rt

SSL:: generate_cs
r

SSL:: generate_ke
y

SSL:: get_autossl_
excluded_domains

SSL:: get_autossl_
pending_queue

SSL:: get_autossl_
problems

SSL:: get_cabundl
e

SSL:: get_cn_nam
e

SSL:: install_ssl

SSL:: installed_ho
st

SSL:: installed_ho
sts

SSL:: is_autossl_c
heck_in_progress

SSL:: is_mail_sni_
supported

SSL:: is_sni_supp
orted

SSL:: list_certs

SSL:: list_csrs

SSL:: list_keys

SSL:: list_ssl_item
s

SSL:: mail_sni_sta
tus

SSL:: rebuild_mail
_sni_config

SSL:: rebuildssldb

SSL:: remove_aut
ossl_excluded_do
mains

SSL:: set_autossl_
excluded_domains

SSL:: set_cert_frie
ndly_name

SSL:: set_csr_frien
dly_name

SSL:: set_key_frie
ndly_name

SSL:: set_primary
_ssl

SSL:: set_ssl_shar
e

SSL:: show_cert

SSL:: show_csr

SSL:: show_key

SSL:: start_autossl_
_check

SSL:: toggle_ssl_r
edirects_for_doma
ins

SSL:: upload_cert

SSL:: upload_key

▼ StatsBar

StatsBar:: get_stat
s

▼ Styles

Styles:: current

Styles:: list

Styles:: set_default

Styles:: update

▼ SubDomain

SubDomain:: adds
ubdomain

▼ Themes

Themes:: get_the
me_base

Themes:: list

Themes:: update

▼ Tokens

Tokens:: create_fu
ll_access

Tokens:: list

Tokens:: rename

Tokens:: revoke

▼ TwoFactorAuth

TwoFactorAuth:: generate_user_configuration

TwoFactorAuth:: get_user_configuration

TwoFactorAuth:: remove_user_configuration

TwoFactorAuth:: set_user_configuration

▼ UserManager

UserManager:: check_account_conflicts

UserManager:: create_user

UserManager:: delete_user

UserManager:: dismiss_user

UserManager:: edit_user

UserManager:: list_users

UserManager:: lookup_service_account

UserManager:: lookup_user

UserManager:: merge_service_account

UserManager:: unlink_service_account

▼ UserTasks

UserTasks:: delete

UserTasks:: retrieve

▼ VersionControl

VersionControl:: create

VersionControl:: delete

VersionControl:: retrieve

VersionControl:: update

▼ VersionControlDeployment

VersionControlDeployment:: create

VersionControlDeployment:: delete

VersionControlDeployment:: retrieve

▼ WebDisk

WebDisk:: delete_user

WebDisk:: set_homedir

WebDisk:: set_password

WebDisk:: set_permissions

▼ WebmailApps

WebmailApps:: list_webmailapps

▼ WebVhosts

WebVhost:: list_domains

WebVhost:: list_ssl_capable_domains

▼ WordPressBackup

WordPressBackup:: any_running

WordPressBackup:: cancel

WordPressBackup:: cleanup

WordPressBackup:: get_available_backups

WordPressBackup:: is_running

WordPressBackup:: start

▼ WordPressInstance

Manager

WordPressInstanceManager:: cancel_scan

WordPressInstanceManager:: cleanup_scan

WordPressInstanceManager:: change_admin_password

WordPressInstanceManager:: configure_autoupdate

WordPressInstanceManager:: get_api_version

WordPressInstanceManager:: get_in

stance_by_id

WordPressInstanceManager::get_instances

WordPressInstanceManager::get_latest_wordpress_version_from_wordpress_org

WordPressInstanceManager::get_scan_results

WordPressInstanceManager::is_installable_addon_available

WordPressInstanceManager::start_scan

▼ WordPressRestore

WordPressRestore::any_running

WordPressRestore::cleanup

WordPressRestore::start