

# UAPI Functions - Email::add\_spam\_filter

## Guide to UAPI

- Return Data
- Filter Output
- Sort Output
- Paginate Output
- Output Columns
- Calls from the WHM API
- Custom UAPI Modules

## Description

This function sets a new minimum Apache SpamAssassin™ spam score threshold value.

### Notes:

- To disable spam filtering, use the UAPI `Email::disable_spam_autodelete` function.
- For more information, read our [Spam Filters](#) documentation.

### Important:

In cPanel & WHM version 76 and later, when you disable the `SpamFilter` 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/add_spam_filter?required_score=8.0&account=username%40example.com
```

### 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.

Backup  
Backup::  
fullbackup

p\_to\_ftp

Backup:: fullbackup  
p\_to\_homedir

Backup:: fullbackup  
p\_to\_scp\_with\_key

Backup:: fullbackup  
p\_to\_scp\_with\_password

Backup:: list\_backups

### ▼ Bandwidth

Bandwidth:: get\_enabled\_protocols

Bandwidth:: get\_retention\_periods

Bandwidth:: query

### ▼ Batch

Batch:: strict

### ▼ Brand

Brand:: read

### ▼ Branding

Branding:: file

Branding:: get\_applications

Branding:: get\_application\_information

Branding:: get\_available\_applications

Branding:: get\_information\_for\_applications



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.  
  
# Change the cPanel  
account's minimum  
spam score to 8.  
my $new_spam_score =  
$cpliveapi->uapi(  
    'Email',  
    'add_spam_filter',  
    {  
  
        'required_score'  
=> '8.0',  
        'account' =>  
        'username@example.com'  
    },  
    }  
);
```

#### **Note:**

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

- UAPI Functions - Email::edit\_pop\_quota — This function changes an email address's quota.
- UAPI Functions - SpamAssassin::get\_user\_preferences — This function lists the Apache SpamAssassin™ settings for the account.

Email: browse\_mailbox  
Email: change\_mx  
Email: check\_fastmail  
Email: check\_pipe\_forwarder  
Email: delete\_auto\_responder  
Email: delete\_do\_main\_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\_otp  
Email: get\_auto\_responder  
Email: get\_chase

### ▼ cPanel Template Toolkit

```
<!-- Change the cPanel account's minimum spam score to 8. -->[% execute('Email', 'add_spam_filter', { 'required_score' => '8.0' 'account' => 'username@example.com', }) %]
```

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

### ▼ Command Line

```
uapi --user=username Email add_spam_filter required_score=8.0 account=username%40example.com
```

**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
```

- UAPI Functions - SpamAssassin::clear\_spam\_box - This function clears the spam box of all its contents for all email accounts.

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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

### Output (JSON)

```

{
  "messages": null,
  "errors": null,
  "status": 1,
  "data": null,
  "metadata": {
    "transformed": 1
  }
}

```

**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
required_score	string	Set a spam score threshold value.	A positive integer.	8
		<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>You must specify a valid integer.</li> </ul>	<p><b>Notes:</b></p>	

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

▼ EmailAuth

EmailAuth:: disable\_dkim  
EmailAuth:: enable\_dkim  
EmailAuth:: ensure\_dkim\_keys\_exist

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- The default value, 5, is an aggressive spam score.
- The lower the spam score, the more likely that

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:: has\_feature

Features:: list\_features

Fileman

Fileman:: autocompletdir

Fileman:: empty\_trash

Fileman:: get\_file\_content

Fileman:: get\_file\_information

Fileman:: list\_files

Fileman:: save\_file\_content

Fileman:: transcoding

Fileman:: upload\_files

Ftp

Ftp:: add\_ftp

• Incomplete & WHM version 7.0 and later, you cannot enter 0 as a valid file or this parameter. You can re

Apache SpamAssassin will label messages as spam and delete them

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\_versions

LangPHP:: php\_get

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```



t\_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

Market:: get\_provi

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- der\_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

		<div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px;"> <p>.</p> </div> <p>If you do <b>not</b> specify a value, the function resets the spam score to the default value 5.</p>		
account	string	<p>The email account to apply a spam score threshold value.</p> <div style="border: 1px solid orange; padding: 5px; margin-bottom: 10px;"> <p><b>Note</b> : We added this parameter in cPanel &amp; WHM version 70.</p> </div> <p>If you do <b>not</b> specify a value, the function applies the new spam score threshold value to <b>all</b> accounts.</p>	A valid user email account.	username@example.com

## Returns

This function only returns metadata.

alled

ModSecurity:: list\_domains

▼ Mysql

Mysql:: add\_host

Mysql:: add\_host\_note

Mysql :: check\_database

Mysql:: create\_database

Mysql:: create\_user

Mysql:: delete\_database

Mysql:: delete\_host

Mysql:: delete\_user

Mysql:: get\_host\_notes

Mysql:: get\_privileges\_on\_database

Mysql:: get\_restrictions

Mysql:: get\_server\_information

Mysql:: locate\_server

Mysql:: rename\_database

Mysql:: rename\_user

Mysql:: repair\_database

Mysql:: revoke\_access\_to\_database

Mysql:: set\_password

Mysql:: set\_privileges\_on\_database

▼ Notifications

Notifications:: get\_notifications\_count

▼ NVData

NVData:: get

NVData:: set

▼ Parser

Parser:: firstfile\_relative\_uri

▼ PassengerApps

PassengerApps:: d  
isable\_application

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dit\_application

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▼ PasswdStrength

PasswdStrength::  
get\_required\_stren  
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▼ Personalization

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Personalization ::g  
et

▼ Postgresql

Postgresql:: create  
\_database

Postgresql:: create  
\_user

Postgresql:: delete  
\_database

Postgresql:: get\_re  
strictions

Postgresql:: grant\_  
all\_privileges

Postgresql:: renam  
e\_database

Postgresql:: renam  
e\_user

Postgresql:: renam  
e\_user\_no\_passw  
ord

Postgresql:: revok  
e\_all\_privileges

Postgresql:: set\_p  
assword

▼ Pushbullet

Pushbullet:: send\_  
test\_message

▼ Quota

Quota:: get\_quota  
\_info

▼ Resellers

Resellers:: list\_acc  
ounts

- ▼ ResourceUsage
  - ResourceUsage::  
get\_usages
- ▼ Restore
  - Restore:: directory  
\_listing
  - Restore:: get\_user  
s
  - Restore:: query\_fil  
e\_info
  - Restore:: restore\_f  
ile
- ▼ Session
  - Session:: create\_t  
emp\_user
- ▼ SiteTemplates
  - SiteTemplates:: list  
\_site\_templates
  - SiteTemplates:: list  
\_user\_settings
  - SiteTemplates:: pu  
blish
- ▼ SpamAssassin
  - SpamAssassin :: cl  
ear\_spam\_box
  - SpamAssassin:: g  
et\_symbolic\_test\_  
names
  - SpamAssassin:: g  
et\_user\_preferenc  
es
  - SpamAssassin:: u  
pdate\_user\_prefer  
ence
- ▼ SSH
  - SSH:: get\_port
- ▼ SSL
  - SSL:: add\_autossl  
\_excluded\_domain  
s
  - SSL:: check\_share  
d\_cert
  - SSL:: delete\_cert
  - SSL:: delete\_csr
  - SSL:: delete\_key
  - SSL:: delete\_ssl
  - SSL :: disable\_mai  
l\_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\_autoss\_  
excluded\_domains

SSL:: get\_autoss\_  
pending\_queue

SSL:: get\_autoss\_  
problems

SSL:: get\_cabundl  
e

SSL:: get\_cn\_nam  
e

SSL:: install\_ssl

SSL:: installed\_ho  
st

SSL:: installed\_ho  
sts

SSL:: is\_autoss\_  
check\_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  
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SSL:: rebuild\_mail  
\_sni\_config

SSL:: rebuildssldb

SSL:: remove\_aut  
oss\_excluded\_do  
mains

SSL:: set\_autossl\_excluded\_domains

SSL:: set\_cert\_friendly\_name

SSL:: set\_csr\_friendly\_name

SSL:: set\_key\_friendly\_name

SSL:: set\_primary\_ssl

SSL:: set\_ssl\_share

SSL:: show\_cert

SSL:: show\_csr

SSL:: show\_key

SSL:: start\_autossl\_check

SSL:: upload\_cert

SSL:: upload\_key

▼ StatsBar

StatsBar:: get\_stats

▼ Styles

Styles:: current

Styles:: list

Styles:: set\_default

Styles:: update

▼ SubDomain

SubDomain:: addsubdomain

▼ Themes

Themes:: get\_theme\_base

Themes:: list

Themes:: update

▼ TwoFactorAuth

TwoFactorAuth:: generate\_user\_configuration

TwoFactorAuth:: get\_user\_configuration

TwoFactorAuth:: remove\_user\_configuration

TwoFactorAuth:: set\_user\_configuration

▼ UserManager

UserManager:: check\_account\_conflict

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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\_home\_dir

WebDisk:: set\_password

WebDisk:: set\_permissions

▼ WebmailApps



WebmailApps:: list  
webmailapps

▼ WebVhosts

WebVhost:: list\_do  
mains

WebVhost:: list\_ssl  
\_capable\_domains

▼ WordPressBackup

WordPressBackup  
:: any\_running

WordPressBackup  
:: cancel

WordPressBackup  
:: cleanup

WordPressBackup  
:: get\_available\_ba  
ckups

WordPressBackup  
:: is\_running

WordPressBackup  
:: start

▼ WordPressInstance

Manager

WordPressInstanc  
eManager:: cancel  
\_scan

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eManager:: cleanu  
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WordPressInstanc  
eManager:: chang  
e\_admin\_passwor  
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WordPressInstanc  
eManager:: config  
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WordPressInstanc  
eManager:: get\_ap  
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WordPressInstanc  
eManager:: get\_in  
stance\_by\_id

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eManager:: get\_in  
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eManager:: get\_lat  
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sion\_from\_wordpr  
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eManager:: get\_sc  
an\_results

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eManager:: is\_inst  
allable\_addon\_ava  
ilable

WordPressInstanceManager:: **start\_scan**

▼ **WordPressRestore**

WordPressRestore  
:: **any\_running**

WordPressRestore  
:: **cleanup**

WordPressRestore  
:: **start**