

# UAPI Modules - EmailAuth

## Guide to UAPI

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Sort Output  
Paginate Output  
Output Columns  
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Custom UAPI Modules

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fullbackup  
p\_to\_scp\_with\_key

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## Introduction

The `EmailAuth` module manages email authentication to ensure email deliverability.

### Important:

When you enable a non-*Standard Node* server profile, the system **disables** API calls associated with that profile's disabled roles.

## Available functions

- [UAPI Functions - EmailAuth::disable\\_dkim](#) — This function removes the Domain Keys Identified Mail (DKIM) records on the DNS server for one or more domains.
- [UAPI Functions - EmailAuth::enable\\_dkim](#) — This function enables Domain Keys Identified Mail (DKIM) records on the DNS server for one or more domains.
- [UAPI Functions - EmailAuth::ensure\\_dkim\\_keys\\_exist](#) — This function confirms the validity of a Domain Keys Identified Mail (DKIM) key for one or more domains.
- [UAPI Functions - EmailAuth::fetch\\_dkim\\_private\\_keys](#) — This function returns a domain's installed DKIM private key in Privacy-Enhanced Mail (PEM) [https://en.wikipedia.org/wiki/Privacy-Enhanced\\_Mail](https://en.wikipedia.org/wiki/Privacy-Enhanced_Mail) format.
- [UAPI Functions - EmailAuth::get\\_mail\\_helo\\_ip](#) — This function retrieves the HELO domain and IP address that the server uses when it sends a domain's mail.
- [UAPI Functions - EmailAuth::install\\_dkim\\_private\\_keys](#) — This function installs existing keys for use in a Domain Keys Identified Mail (DKIM) record.
- [UAPI Functions - EmailAuth::install\\_spf\\_records](#) — This function installs a Sender Policy Framework (SPF) record for a domain on the DNS server.
- [UAPI Functions - EmailAuth::validate\\_current\\_dkims](#) — This function retrieves and checks the Domain Keys Identified Mail (DKIM) records for one or more domains.
- [UAPI Functions - EmailAuth::validate\\_current\\_ptrs](#) — This function validates the pointer records (PTR) for IPv4 and IPv6 addresses that the account's domains send mail from.
- [UAPI Functions - EmailAuth::validate\\_current\\_spfs](#) — This function retrieves the the Sender Policy Framework (SPF) records for one or more domains.

## UAPI Basics

## About UAPI

UAPI accesses and modifies data for cPanel accounts.

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- 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

- [Guide to WHM API 0](#) — WHM API 0 accesses the WHM interface's features.
- [Guide to WHM API 1](#) — WHM API 1 accesses the WHM interface's features.
- [Guide to UAPI](#) — UAPI accesses the cPanel interface's features.

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

ts

Email:: get\_client\_  
settings

Email:: get\_default\_  
\_email\_quota

Email:: get\_default\_  
\_email\_quota\_mib

Email:: get\_disk\_u  
sage

Email:: get\_filter

Email:: get\_held\_  
message\_count

Email:: get\_mailbo  
x\_autocreate

Email:: get\_mailm  
an\_delegates

Email:: get\_main\_  
account\_disk\_usa  
ge

Email:: get\_main\_  
account\_disk\_usa  
ge\_bytes

Email:: get\_max\_e  
mail\_quota

Email:: get\_max\_e  
mail\_quota\_mib

Email:: get\_pop\_q  
uota

Email:: get\_spam\_  
settings

Email:: get\_webm  
ail\_settings

Email:: has\_deleg  
ated\_mailman\_list  
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Email:: has\_plainte  
xt\_authentication

Email:: hold\_outgo  
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Email:: is\_integer

Email:: list\_auto\_r  
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Email:: list\_default\_  
\_address

Email:: list\_domain\_  
\_forwarders

Email:: list\_filters

Email:: list\_filters\_  
backups

Email:: list\_forward  
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Email:: list\_forward

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Email:: list\_lists

Email:: list\_mail\_d  
omains

Email:: list\_mxs

Email:: list\_pops

Email:: list\_pops\_  
with\_disk

Email:: list\_system  
\_filter\_info

Email:: passwd\_list

Email:: passwd\_po  
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Email:: release\_ou  
tgoing

Email:: remove\_m  
ailman\_delegates

Email:: reorder\_filt  
ers

Email:: set\_always  
\_accept

Email:: set\_default  
\_address

Email:: set\_list\_pri  
vacy\_options

Email:: stats\_db\_st  
atus

Email:: store\_filter

Email:: suspend\_in  
coming

Email:: suspend\_lo  
gin

Email:: suspend\_o  
utgoing

Email:: trace\_filter

Email:: unsuspend  
\_incoming

Email:: unsuspend  
\_login

Email:: unsuspend  
\_outgoing

Email:: verify\_pass  
word

▼ EmailAuth

EmailAuth:: disabl  
e\_dkim

EmailAuth:: enable  
\_dkim

EmailAuth:: ensure  
\_dkim\_keys\_exist

EmailAuth:: fetch\_  
dkim\_private\_keys

EmailAuth:: install  
\_dkim\_private\_key  
s

EmailAuth:: install  
\_spf\_records

EmailAuth:: validat  
e\_current\_dkims

EmailAuth:: validat  
e\_current\_ptrs

EmailAuth:: validat  
e\_current\_spfs

ExternalAuthenticat  
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ExternalAuthentic  
ation:: add\_auth\_li  
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ExternalAuthentic  
ation:: configured\_  
modules

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ation:: get\_auth\_lin  
ks

ExternalAuthentic  
ation:: has\_external  
\_auth\_modules\_co  
nfigured

ExternalAuthentic  
ation:: remove\_auth  
n\_link

Features

Features:: get\_feat  
ure\_metadata

Features:: has\_fea  
ture

Features:: list\_feat  
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Fileman

Fileman:: autocom  
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Fileman:: empty\_tr  
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Fileman:: get\_file\_  
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nformation

Fileman:: list\_files

Fileman:: save\_file  
\_content

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Fileman:: upload\_fi  
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▼ 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



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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

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\_  
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Mysql :: check\_dat  
abase

Mysql:: create\_dat  
abase

Mysql:: create\_use  
r

Mysql:: delete\_dat  
abase

Mysql:: delete\_hos  
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Mysql:: delete\_use  
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Mysql:: get\_host\_n  
otes

Mysql:: get\_privile  
ges\_on\_database

Mysql:: get\_restrict  
ions

Mysql:: get\_server  
\_information

Mysql:: locate\_ser  
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Mysql:: rename\_d  
atabase

Mysql:: rename\_us  
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Mysql:: repair\_dat  
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Mysql:: revoke\_ac  
cess\_to\_database

Mysql:: set\_passw  
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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
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  - SiteTemplates:: publish
- ▼ SpamAssassin
  - SpamAssassin :: clear\_spam\_box
  - SpamAssassin:: get\_symbolic\_test\_names
  - SpamAssassin:: get\_user\_preferences
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- ▼ 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  
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SSL:: fetch\_certific  
ates\_for\_fqdns

SSL:: fetch\_key\_a  
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certificate

SSL:: find\_certifica  
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SSL:: find\_csrs\_for  
\_key

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SSL:: get\_autossl\_  
excluded\_domains

SSL:: get\_autossl\_  
pending\_queue

SSL:: get\_autossl\_  
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SSL:: get\_cabundl  
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SSL:: get\_cn\_nam  
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SSL:: install\_ssl

SSL:: installed\_ho  
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SSL:: installed\_ho  
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SSL:: is\_autossl\_c  
heck\_in\_progress

SSL:: is\_mail\_sni\_  
supported

SSL:: is\_sni\_supp  
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SSL:: list\_certs

SSL:: list\_csrs

SSL:: list\_keys

SSL:: list\_ssl\_item  
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SSL:: mail\_sni\_sta  
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SSL:: rebuild\_mail  
\_sni\_config

SSL:: rebuildssldb

SSL:: remove\_aut  
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SSL:: set\_autossl\_  
excluded\_domains

SSL:: set\_cert\_frie  
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SSL:: set\_csr\_frien  
dly\_name

SSL:: set\_key\_frie  
ndly\_name

SSL:: set\_primary  
\_ssl

SSL:: set\_ssl\_shar  
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SSL:: show\_cert

SSL:: show\_csr

SSL:: show\_key

SSL:: start\_autossl\_  
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SSL:: toggle\_ssl\_r  
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SSL:: upload\_cert

SSL:: upload\_key

▼ StatsBar

StatsBar:: get\_stat  
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▼ Styles

Styles:: current

Styles:: list

Styles:: set\_default

Styles:: update

▼ SubDomain

SubDomain:: adds  
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▼ Themes

Themes:: get\_the  
me\_base

Themes:: list

Themes:: update

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Tokens:: list

Tokens:: rename

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▼ TwoFactorAuth

TwoFactorAuth:: generate\_user\_configuration

TwoFactorAuth:: get\_user\_configuration

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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

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WebDisk:: set\_password

WebDisk:: set\_permissions

▼ WebmailApps

WebmailApps:: list\_webmailapps

▼ WebVhosts

WebVhost:: list\_domains

WebVhost:: list\_ssl\_capable\_domains

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WordPressBackup:: get\_available\_backups

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Manager

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WordPressInstanceManager:: cleanup\_scan

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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

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