

UAPI Functions - EmailAuth::enable_dkim

Guide to UAPI

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rmation_for_applic
ations

Description

This function enables Domain Keys Identified Mail (DKIM) records on the DNS server for one or more domains.

Important:

When you disable the `MailSend` 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.exam  
ple.com:2083/cpsess##  
▼ #####/execute/Emai  
lAuth/enable_dkim?dom  
ain=example.com&domai  
n=anotherexample.com
```

Note:

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

Func tion infor mati on

About this mod ule

The `EmailAuth` mod
ule manag
es email
authent
ication
to ensu
re email
deliver
ability.

About t UAPI

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.
```

```
# Enable a DKIM  
record for a domain.  
my $poll =  
$cpliveapi->uapi(  
  'EmailAuth',  
  'enable_dkim',  
  {  
    'domain' =>  
    'example.com'  
    'domain' =>  
    'anotherexample.com'  
  }  
);
```

Note:

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

- UAPI Functions

- DCV: ensure_domains_can_pass_dcv

This function indicates whether the account's domains can pass a Domain Control Validation (DCV) check.

- UAPI Modules

- DCV

The DCV module checks Domain Control Validation (DCV).

Email: browse_mailbox
Email: change_mx
Email: check_fast_mail
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

```
<!-- Enable a DKIM record for a domain. -->
[% data =
execute('EmailAuth',
'enable_dkim', {
'domain' =>
'example.com',
'domain' =>
'anotherexample.com'
} ) %]
[% FOREACH q =
data.enable_dkim %]
    <p>
        [% q %]
    </p>
[% END %]
```

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

- UAPI Modules - DNS - The DNS module checks DNS resolution issues.
- UAPI Functions - DCV: check_domains_via_dns - This function checks whether the account's domains can pass Domain Control Validation (DCV) via a DNS request.

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
EmailAuth enable_dkim
domain=example.com
domain=anotherexample
.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
```

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)

```

{
  "apiversion": 3,
  "module":
  "EmailAuth",
  "func":
  "enable_dkim",
  "result": {
    "data": [
      {
        "domain":
        "example.com",
        "msg":
        "Installed Keys",
        "status":
        1
      },
      {
        "domain":
        "anotherexample.com",
        "msg": "[no
        changes needed]",
        "status": 1
      }
    ],
    "errors": null,
    "messages": null,
    "metadata": {
      "transformed":
      1
    },
    "status": 1,
    "warnings": null
  }
}
  
```

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

EmailAuth

EmailAuth: disable_dkim
 EmailAuth: enable_dkim
 EmailAuth: ensure_dkim_keys_exist

Parameters

Parameter	Type	Description	Possible values	Example
-----------	------	-------------	-----------------	---------

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_authn_links

ExternalAuthentication:: has_external_auth_modules_configured

ExternalAuthentication:: remove_authn_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:: transcoding

Fileman:: upload_files

domain	string	<p>Required</p> <p>The domain for which to enable DKIM records on the DNS server.</p> <div style="border: 1px solid orange; padding: 5px;"> <p>Note</p> <p>: To enable multiple domain DKIM records, duplicate the parameter name. For example, use the domain=example.com, domain=example2.com, and domain=example3.com parameters.</p> </div>	A valid domain.	example.com
--------	--------	---	-----------------	-------------

Returns

Return	Type	Description	Possible values	Example
data	array of hashes	An array that contains information about the enabled state of a domain's DKIM records on the DNS server.	Each hash contains the domain, msg, and status 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

domain	string	The domain for which the system enabled the DKIM record. This function returns this value in the data array.	A valid domain.	example.com
msg	string	The domain's DKIM record status message. This function returns this value in the data array.	A valid string.	Installed Keys
status	Boolean	Whether the system enabled the domain's DKIM record on the DNS server. This function returns this value in the data array.	<ul style="list-style-type: none"> • 1 — The system enabled the domain's DKIM record. • 0 — The system did not enable the domain's DKIM record. 	1

▼ 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

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

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