

UAPI Functions - DNSSEC::enable_dnssec

Guide to UAPI

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

Description

This function enables DNSSEC on the domain.

Note:

After you enable DNSSEC on the domain, you **must** add the DS records to your registrar.

Important:

In cPanel & WHM version 76 and later, when you disable the DNS 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/DNSSEC/enable_dnssec?domain=example.com
```

Note:

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

- 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

Function information

About this module

The DNSSEC module modifies cPanel DNSSEC settings.

About UAPI

UAPI accesses and modifies data for cPanel accounts.

- Branding:: image
- Branding:: include
- Branding:: spritelist
- CacheBuster:: read
 - CacheBuster:: update
- Chkservd:: get_exim_ports
 - Chkservd:: get_exim_ports_ssl
- Chrome:: get_dom
- Contactus:: is_enabled
- cPAddons:: get_available_addons
 - cPAddons:: get_instance_settings
 - cPAddons:: list_addon_instances
- cPGreyList:: disable_all_domains
 - cPGreyList:: disable_domains
 - cPGreyList:: enable_all_domains
 - cPGreyList:: enable_domains
 - cPGreyList:: has_greylisting_enabled
 - cPGreyList:: list_domains
- 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.

// Enable DNSSEC.
$sa_settings =
$cpnl->uapi(
    'DNSSEC',
    'enable_dnssec',
    array(
        'domain'
=> 'example.com',
    )
);

```

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

LiveAPI Perl Module

```

my $cpliveapi =
Cpanel::LiveAPI->new(
); # Connect to
cPanel - only do this
once.

# Enable DNSSEC.
my $sa_settings =
$cpliveapi->uapi(
    'DNSSEC',
    'enable_dnssec',
    {
        'domain'
=> 'example.com',
    }
);

```

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

Notes:

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Find a function

- UAPI Functions - Two Factor or Auth: get_user_configuration — This function retrieves the user's configuration settings for two-factor authentication.

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

▼ cPanel Template Toolkit

```
<!-- Enable DNSSEC.
-->
[% SET sa_settings =
execute('DNSSEC',
'enable_dnssec' {'domain' =>
'example.com', } ); %]
```

Note:

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

▼ Command Line

```
uapi --user=username
DNSSEC enable_dnssec
domain=example.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 - Two Factor Authentication — This function removes the user from the two-factor authentication user data file.
- UAPI Functions - Two Factor Authentication - Set user configuration — This function configures the two-factor authentication settings for an account.

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

Output (JSON)

```
{
  "status":1,
  "errors":null,
  "messages":null,
  "metadata":{
    "DNSSEC":{
      "enabled":{
        "example.com":{
          "nsec_version":"NSEC3",
          "enabled":1
        }
      }
    },
    "data":null
  }
}
```

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

- UAPI Modules - Two Factor Auth — The TwoFactorAuth module modifies cPanel's two-factor authentication settings.

Parameters

Parameter	Type	Description	Possible values	Example
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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

domain	string	<p>Required.</p> <p>The domain on which to enable DNSSEC.</p> <div style="border: 1px solid orange; padding: 5px; margin: 10px 0;"> <p>Note : To enable DNSSEC on multiple domains, increment the parameter name. For example: :domain-0 ,domain-1 ,domain-2 .</p> </div>	A valid domain.	example.com
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<p>ers_backups</p> <p>Email:: list_lists</p> <p>Email:: list_mail_domains</p> <p>Email:: list_mx</p> <p>Email:: list_pops</p> <p>Email:: list_pops_with_disk</p> <p>Email:: list_system_filter_info</p> <p>Email:: passwd_list</p> <p>Email:: passwd_pop</p> <p>Email:: release_outgoing</p> <p>Email:: remove_mailman_delegates</p> <p>Email:: reorder_filters</p> <p>Email:: set_always_accept</p> <p>Email:: set_default_address</p> <p>Email:: set_list_privacy_options</p> <p>Email:: stats_db_status</p> <p>Email:: store_filter</p> <p>Email:: suspend_incoming</p> <p>Email:: suspend_login</p> <p>Email:: suspend_outgoing</p> <p>Email:: trace_filter</p> <p>Email:: unsuspend_incoming</p> <p>Email:: unsuspend_login</p> <p>Email:: unsuspend_outgoing</p> <p>Email:: verify_password</p> <p>▼ EmailAuth</p> <p>EmailAuth:: disable_dkim</p> <p>EmailAuth:: enable_dkim</p> <p>EmailAuth:: ensure_dkim_keys_exist</p>	<p>use_nsec3</p>	<p><i>Boolean</i></p>	<p>Whether the domain will use Next Secure Record (NSEC) or NSEC3 semantics.</p> <p>This value defaults to 1.</p>	<ul style="list-style-type: none"> • 1 — Use NSEC3 semantics. • 0 — Use NSEC semantics. <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p>N o t e : l i f y o u u s e N S E C s e m a n t i c s (0) , t h e s y s t e m i g n o r e s t h e o t h e r N S E C 3 o p t i o n s .</p> </div>	<p>1</p>
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<p>EmailAuth:: fetch_dkim_private_keys</p> <p>EmailAuth:: install_dkim_private_keys</p> <p>EmailAuth:: install_spf_records</p> <p>EmailAuth:: validate_current_dkims</p> <p>EmailAuth:: validate_current_ptrs</p> <p>EmailAuth:: validate_current_spfs</p>	<p>nsec3_opt_out</p> <p><i>Boolean</i></p>	<p>Whether the system will create records for all delegations.</p> <p>This value defaults to 0.</p>	<ul style="list-style-type: none"> • 1 — Create records for all delegations. • 0 — Create records only for secure delegations. 	<p>0</p> <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">N o t e : O n l y s e l e c t 1 i f y o u m u s t c r e a t e r e c o r d s f o r a l l d e l e g a t i o n s</p> </div>
<p>ExternalAuthenticat ion</p> <p>ExternalAuthenticat ion:: add_auth_li nk</p> <p>ExternalAuthenticat ion:: configured_ modules</p> <p>ExternalAuthenticat ion:: get_authn_lin ks</p> <p>ExternalAuthenticat ion:: has_external_ auth_modules_co nfigured</p> <p>ExternalAuthenticat ion:: remove_auth n_link</p>				
<p>Features</p> <p>Features:: get_feat ure_metadata</p> <p>Features:: has_fea ture</p> <p>Features:: list_feat ures</p>				
<p>Fileman</p> <p>Fileman:: autocom pletedir</p> <p>Fileman:: empty_tr ash</p> <p>Fileman:: get_file_ content</p> <p>Fileman:: get_file_i nformation</p> <p>Fileman:: list_files</p> <p>Fileman:: save_file_ content</p> <p>Fileman:: transcod e</p> <p>Fileman:: upload_fi les</p>				

▼ 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

nsec3_iterations	<i>integer</i>	The number of times that the system rehashes the first resource record hash operation. This value defaults to 7.	A positive integer less than 501.	7
nsec3_narrow	<i>Boolean</i>	Whether NSEC3 will operate in Narrow or Inclusive mode. In Narrow mode, PowerDNS sends out white lies about the next secure record. Rather than query the resource record in the database, PowerDNS sends the hash plus 1 as the next secure record. This value defaults to 1.	<ul style="list-style-type: none"> • 1 — Narrow mode. • 0 — Inclusive mode. 	1
nsec3_salt	<i>string</i>	A hexadecimal string that the system appends to the domain name before it applies the hash function to the name. This value defaults to a random 64-bit value. For more information about the salt value, read the RFC 5155 documentation.	A hexadecimal string.	1A2B3C4D5E6F

Returns

This function returns only metadata.

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