UAPI Functions - ExternalAuthentication::add_authn_link

Guide to UAPI

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

Backup
Backup:: fullbackup_to_ftp
Backup:: fullbackup_to_homedir
Backup:: fullbackup_to_scp_with_key
Backup:: fullbackup_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

Description

This function adds an External Authentication authorization link to an account.

Examples

cPanel or Webmail Session URL

```
https://hostname.example.com:2083/cpsess##########/execute/ExternalAuthentication/add_authn_link?username=example&provider_id=google&subject_unique_identifier=12345678901234567890&preferred_username=Example
```

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 `ExternalAuthentication` module manages third-party authentication.

About UAPI

Branding:: image

Branding:: include

Branding:: spritelist

CacheBuster

CacheBuster:: read

CacheBuster:: update

Chkservd

Chkservd:: get_exim_ports

Chkservd:: get_exim_ports_ssl

Chrome

Chrome:: get_dom

Contactus

Contactus:: is_enabled

cPAddons

cPAddons:: get_available_addons

cPAddons:: get_instance_settings

cPAddons:: list_addon_instances

cPGreyList

cPGreyList:: disable_all_domains

cPGreyList:: disable_domains

cPGreyList:: enable_all_domains

cPGreyList:: enable_domains

cPGreyList:: has_greylisting_enabled

cPGreyList:: list_domains

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

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

// Adds external
authentication links
to the current
account.
$add_links =
$cpanel->uapi(

'ExternalAuthenticati
on',
'add_authn_links',
array(
        'username'
=> 'example',
        'provider_id'
=> 'google',

'subject_unique_ident
ifier'    =>
'12345678901234567890
1'

'preferred_username'
=> 'Example'
     )
);
```

Note:
For more information, read our Guide to the LiveAPI System.

UAPI accesses and modifies data for cPanel accounts.

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Find a function

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_ds_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.

# Adds external
authentication links
to the current
account.
my $add_links =
$cpliveapi->uapi(

'ExternalAuthenticati
on',
'add_authn_link'(
        'username'
=> 'example',
        'provider_id'
=> 'google',

'subject_unique_ident
ifier'    =>
'12345678901234567890
1'

'preferred_username'
=> 'Example'
     )
);
```

Note:
For more information, read our Guide to the LiveAPI System.

- Manage External Authentications — The *Manage External Authentications* interface allows you to manage your server's OpenID Connect-compliant identity providers.
- cPanel API 1 Functions - Bandwidth::displaybwheader — This function generates a monthly bandwidth graph.

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_otp

Email:: get_auto_responder

Email:: get_charse

cPanel Template Toolkit

```
<!-- Adds external
authentication links
to the current
account. -->
[% data = execute(
'ExternalAuthenticati
on',
'add_authn_link','use
rname' => 'example',
'provider_id' =>
'google',
'subject_unique_ident
ifier' =>
'12345678901234567890
1',
'preferred_username'
=> 'Example'); %]
```

Note:
For more information, read our Guide to Template Toolkit documentation.

- cPanel API 1 Functions - Bandwidth::displayday — This function generates bandwidth graphs for the specified day.
- cPanel API 1 Functions - Bandwidth::displaymainbwheader — This function generates bandwidth graphs for the current day, week, and year.

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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_auto_responders

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
ExternalAuthenticatio
n add_authn_link
username=example
provider_id=google
subject_unique_identi
fier=1234567890123456
78901
preferred_username=Ex
ample
```

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/bi
n/uapi
```

Output (JSON)

```
{
   "messages":null,
   "errors":null,
   "status":1,
   "metadata":{

   },
}
```

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

- cPanel API 1 Functions - Last Login::lastlogin — This function retrieves the IP address of the last user to successfully log in to the cPanel account.

ers_backups

Email:: list_lists

Email:: list_mail_domains

Email:: list_mxs

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

Parameters

Parameter	Type	Description	Possible Values	Example
`username`	*string*	**Required** The username.	A valid cPanel username on the server.	`example`
`provider_id`	*string*	**Required** The name of the identity provider.	A valid string.	`google`
`subject_unique_identifier`	*string*	**Required** The unique identifier for the user at the identity provider.	A valid string.	`123456789012345678901`
`preferred_username`	*string*	**Required** The preferred username of the account on the identity provider.	A valid string.	`Example`

Returns

This function only returns metadata.

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_authn_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:: transcode

Fileman:: upload_files

- 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

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_installed

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:: 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_for_domain

SSL:: fetch_cert_info

SSL:: fetch_certificates_for_fqdns

SSL:: fetch_key_and_cabundle_for_certificate

SSL:: find_certificates_for_key

SSL:: find_csrs_for_key

SSL:: generate_cert

SSL:: generate_csr

SSL:: generate_key

SSL:: get_autossl_excluded_domains

SSL:: get_autossl_pending_queue

SSL:: get_autossl_problems

SSL:: get_cabundle

SSL:: get_cn_name

SSL:: install_ssl

SSL:: installed_host

SSL:: installed_hosts

SSL:: is_autossl_check_in_progress

SSL:: is_mail_sni_supported

SSL:: is_sni_supported

SSL:: list_certs

SSL:: list_csrs

SSL:: list_keys

SSL:: list_ssl_items

SSL:: mail_sni_status

SSL:: rebuild_mail_sni_config

SSL:: rebuildssldb

SSL:: remove_autossl_excluded_domains

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:: toggle_ssl_redirects_for_domains

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

Tokens

Tokens:: create_full_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:: listwebmailapps

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

WordPressInstanceManager

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