

UAPI Functions - PostgreSQL::grant_all_privileges

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Description

This function grants all privileges for a PostgreSQL® database to a database user.

Important:

In cPanel & WHM version 76 and later, when you disable the `Postgres` 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/PostgreSQL/grant_all_privileges?user=example_dbuser&database=example_database
```

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 `PostgreSQL` module manages PostgreSQL database users and users.

About UAPI

UAPI accesses and modifies data for cPanel accounts.

- 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
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- cPGreyList
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- 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.

// Grants all
privileges for
PostgreSQL database
"example_database" to
database user
"example_dbuser"
$grant_all =
$cpanel->uapi(
    'Postgresql',
    'grant_all_privileges',
    array(
        'user' =>
        'example_dbuser',
        'database'=>
        'example_database',
    )
);

```

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

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Find a function

PostgreSQL module manages PostgreSQL® databases and users.

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.
```

```
# Grants all  
privileges for  
PostgreSQL database  
"example_database" to  
database user  
"example_dbuser"  
my $grant_all =  
$cpliveapi->uapi(  
    'Postgresql',  
    'grant_all_privileges'  
,  
    {  
        'user' =>  
        'example_dbuser',  
        'database' =>  
        'example_database',  
    }  
);
```

Note:

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

- UAPI Functions - PostgreSQL: create_database — This function creates a PostgreSQL database.
- UAPI Functions - PostgreSQL: create_user — This function creates a PostgreSQL database user.
- UAPI Functions - PostgreSQL: delete_database — This function deletes a PostgreSQL database.

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_help_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

```
<!-- Grants all privileges for PostgreSQL database "example_database" to database user "example_dbuser" -->[% data = execute('Postgresql', 'grant_all_privileges', { user => 'example_dbuser', database => 'example_database' }); %]
```

Note:

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

▼ Command Line

```
uapi --user=username  
Postgresql  
grant_all_privileges  
user=example_dbuser  
database=example_data  
base
```

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 - PostgreSQL: get_restrictions — This function retrieves the PostgreSQL® user and database name length restrictions.

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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_plaint_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,
  "metadata": {
  },
  "data": null
}

```

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
name	string	Required The database user's name.	A valid string. Note: If database prefixing is enabled, this value must include the database prefix for the account.	example_dbuser

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

database	string	Required The database's name.	A valid string. <div style="border: 1px solid orange; padding: 5px; margin: 5px 0;"> Note : If database prefixing is enabled, this value must include the database prefix for the account. </div>	example_database
----------	--------	---	---	------------------

Returns

This function only returns metadata.

✓ EmailAuth
 EmailAuth:: disable_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
ion

ExternalAuthentic
ation:: add_auth_li
nk

ExternalAuthentic
ation:: configured_
modules

ExternalAuthentic
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
ures

Fileman

Fileman:: autocom
pletedir

Fileman:: empty_tr
ash

Fileman:: get_file_
content

Fileman:: get_file_i
nformation

Fileman:: list_files

Fileman:: save_file
_content

Fileman:: transcod
e

Fileman:: upload_fi
les

▼ 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_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